

Kerr-McGee Chemical LLC

Henderson, Nevada Facility

**Supplementary Phase II
Environmental Conditions
Assessment Located at
Kerr-McGee Chemical LLC,
Henderson, Nevada**

ENSR

April 2001

Document Number 4020-004-260

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Prepared for

**Kerr-McGee Chemical LLC
Henderson, Nevada**

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1.0 INTRODUCTION

This report of Supplemental Phase II Environmental Conditions Assessment (ECA) at the Henderson Nevada facility has been prepared by ENSR for Kerr-McGee Chemical LLC (KMCLLC). The scope of work supplements investigative work conducted during the previously performed Phase II Environmental Conditions Assessment (Phase II ECA) (ENSR document number 4020-004-250, dated August 1997), and complies with the requirements set forth by the Nevada Department of Environmental Protection (NDEP) in a letter to KMCLLC dated June 10, 1998. KMCLLC agreed to conduct additional work to address remaining concerns in the following areas at the KMCLLC Henderson, Nevada facility:

- Old P-2, Old P-3 Ponds
- Former Diesel Fuel Storage Tank

A Supplemental Phase II Work Plan was prepared and submitted to the NDEP on November 9, 1989. The NDEP approved the proposed work plan on December 17, 1999. The Supplemental Phase II ECA field work was conducted between March 28, 1999 and April 12, 1999.

The location of the Henderson facility is presented on Figure 1-1 - Site Location Map.

1.1 Objectives

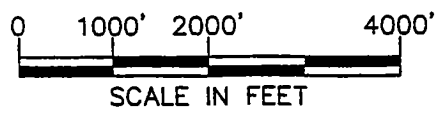
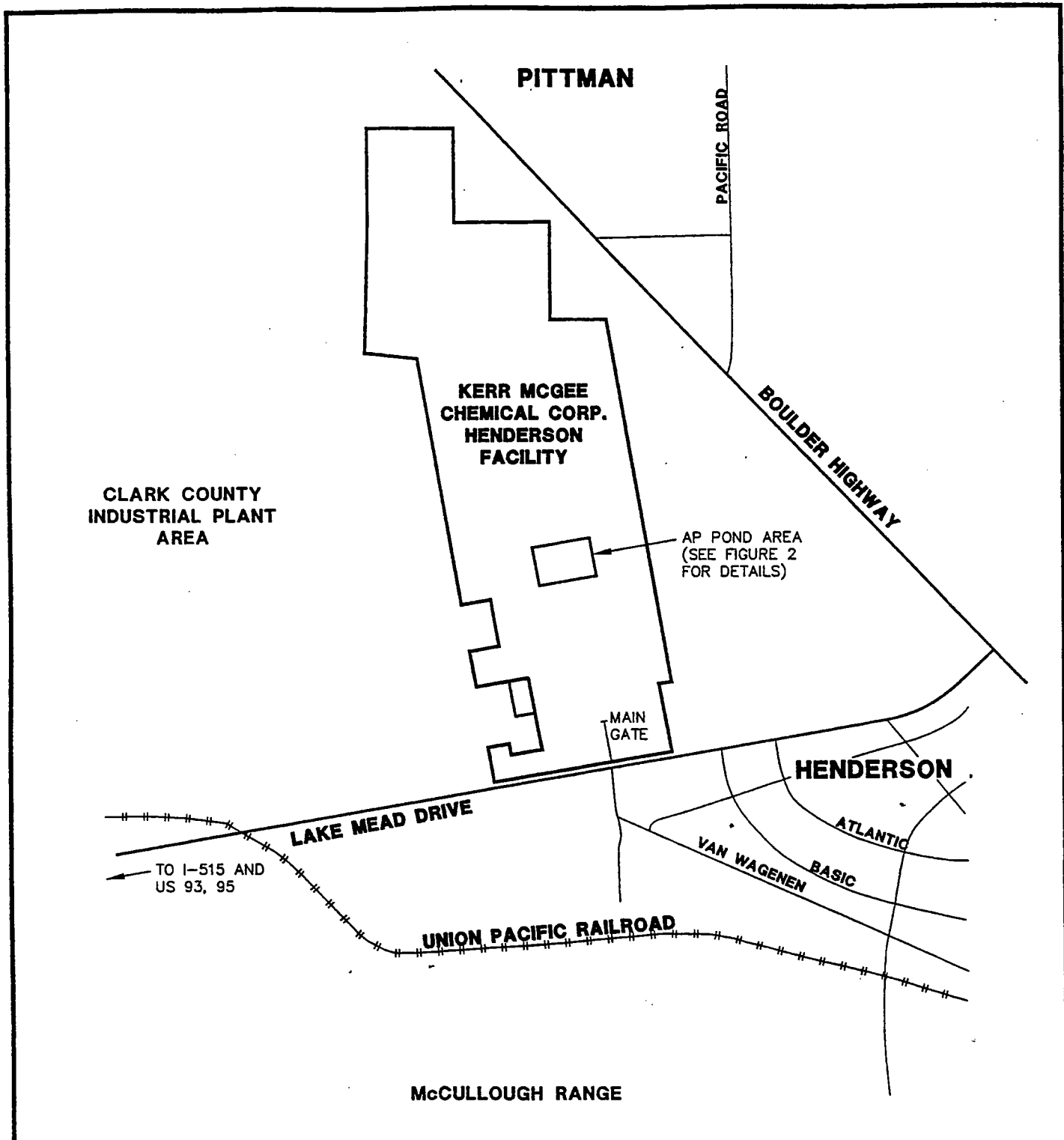
The objectives for the two areas requiring additional work were as follows:

- Define the areal and subsurface extent of chromium (Cr) in soils and around in the Old P-2 and Old P-3 Ponds.
- Determine the extent and volume of petroleum affected soils in the diesel fuel storage tank area, and conduct additional petroleum monitoring at monitoring well M-21.

1.2 Scope of Work

The Supplemental Phase II Scope of Work incorporated the following tasks:

- Acquire and mobilize field equipment and subcontractors;
- Drill and sample 4 soil borings in the former diesel fuel storage tank area;
- Drill and sample 11 soil borings in the Old P-2 and P-3 Pond area;
- Purge and sample groundwater from monitoring well M-21, adjacent to the former diesel fuel storage tank area; and
- Sample groundwater from soil boring SB5-5 located in the diesel fuel storage tank area using a temporary groundwater well.



ENSR			
FIGURE 1 SITE LOCATION MAP			
Kerr McGee Chemical Corporation Henderson, Nevada			
DRAWN: M. SCOP	DATE: 1/8/98	PROJECT NO. 4020-004-250	REV.
FILE NO. 4020004N	CHK BY:		

1.3 Background

Relevant site background data concerning the site history and physical characteristics are summarized in detail in the previously submitted Phase II ECA report (ENSR document number 4020-004-250, dated August 1997).

1.4 Report Format

Section 1.0 of this report presents the overall objective of this phase of the site characterization and outlines the scope of work. The fieldwork completed during the Supplemental Phase II ECA is detailed in Section 2.0 and the laboratory analytical results and summary of findings are presented and discussed in Section 3.0. Section 4.0 lists the references used in preparing this report.

2.0 SUPPLEMENTAL PHASE II ECA – SCOPE OF WORK

The Supplemental Phase II ECA investigation was implemented to address the concerns of the NDEP regarding two areas identified as requiring further investigation in the NDEP letter to KMCLLC dated June 10, 1998. The identified two areas included the Old P-2 and P-3 Ponds, and the former diesel fuel storage tank area. The further investigation consisted of soil sampling at both locations and the former diesel fuel storage tank area included additional groundwater sampling. A map showing the areas of investigation and sampling locations is presented as Figure 2-1.

2.1 Pre-field Activities

As part of the previous Phase II ECA, ENSR had prepared a site-specific health and safety plan (SSHASP), consistent with federal regulations (29CFR 1910.120), to protect site workers during the field activities. Prior to mobilization and conducting fieldwork, ENSR reviewed the SSHASP and in addition, the field crew, consisting of an ENSR geologist and the drilling subcontractor attended KMCLLC's site health and safety course at the Henderson facility.

2.2 Old P-2 and Old P-3 Ponds

2.2.1 Background

Based on the results of the previous Phase II ECA, the NDEP requested further investigation in the Old P-2 and P-3 Pond area. The locations of the previous sampling are identified on Figure 2-1. The previous assessment detected elevated levels of chromium in shallow boreholes.

2.2.2 Sampling Locations and Method

Field measurements and sample collection methods were performed according to the NDEP approved work plan (KMCC Phase II Work Plan issued on May 10, 1996).

To define the areal extent of residual chromium resulting from the former use of the impoundments, seven borings were advanced along the outer perimeter of the ponds. The perimeter borings were located in areas that were accessible to the drill rig, and that would optimize the assessment of the lateral and vertical limits of chromium in soil. The perimeter



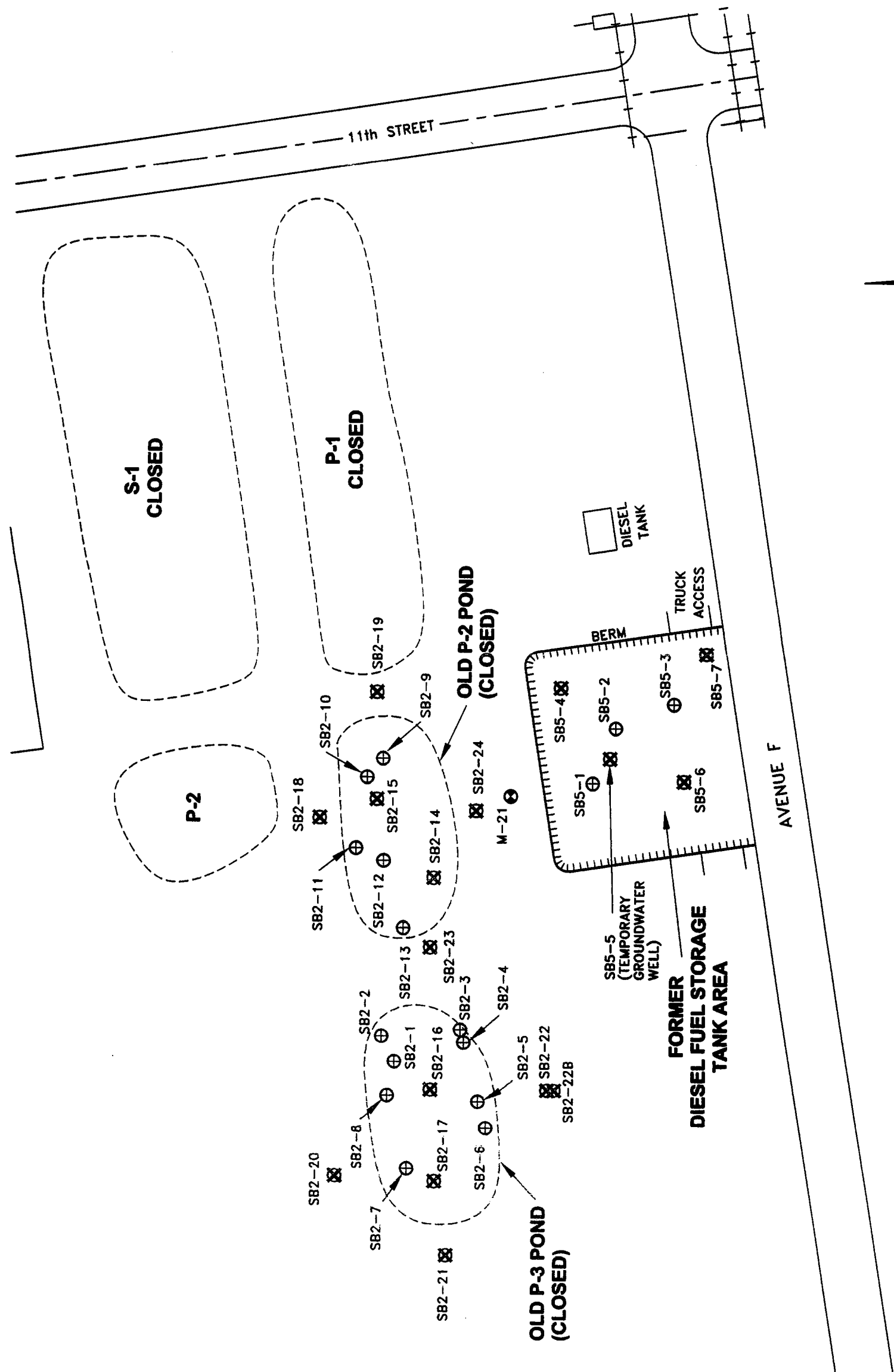
FIGURE 2-1

OLD P-2, P-3 PONDS AND FORMER DIESEL FUEL STORAGE TANK AREA SUPPLEMENTAL SAMPLING LOCATIONS

Kerr-McGee Chemical LLC

Henderson, Nevada

DRAWN: M. SCOP DATE: 6/15/1998 PROJECT NO. 4020-004-250 REV. 1
FILE NO. 4020004KK CHK BY:



LEGEND

- ⊕ PHASE II SOIL SAMPLING LOCATION
- ⊗ SUPPLEMENTAL PHASE II SOIL SAMPLING LOCATIONS
- ⊙ GROUNDWATER MONITORING WELL
- OUTLINE OF FORMER POND
- TTTTT EARTHEN BERM

borings were located outside of, but adjacent to the ponds to evaluate whether chromium had migrated outward, away from the interior portion of Old P-2 and Old P-3 Ponds. Originally, eight soil borings were proposed in the NDEP-approved Supplemental Phase II ECA Work Plan; however, only seven of the eight proposed lateral investigation locations were drilled. The presence of an aboveground diesel line and transfer station precluded access to the proposed location of a boring situated approximately 40 feet west of SB2-32 on the eastern berm of the Old P-3 Pond (Figure 2-1). The spacing of the seven successfully drilled perimeter borings comprises a nearby equidistant array of borings surrounding both the Old P-2 and P-3 Ponds, and is adequate to provide a representative sampling of perimeter soils. Four additional borings were advanced within the interior boundaries of the former ponds. The interior borings were positioned near areas identified by earlier shallow sampling to be chromium-containing soils. The interior soil borings were advanced to the capillary fringe to confirm the vertical extent of chromium-containing soils. See Figure 2-1 for Old P-2 and Old P-3 Pond sampling locations.

A total of 11 boreholes were advanced with a hollow-stem auger drill rig. An ENSR geologist logged each boring. Soil descriptions were prepared in accordance with the United States Classification System (USCS) based on inspection of the collected split-spoon samples and by visual inspection of drill cuttings. The soil boring logs are included in Appendix A. Sampling commenced at the ground surface and continued to the capillary fringe, which varied in depth from approximately 33 to 42.5 feet below the ground surface (bgs). Soil samples were collected at approximately 18-inch intervals.

2.2.3 Sample Analysis

Soil samples were analyzed for total chromium by Environmental Protection Agency (EPA) Method 6010 and soil pH by SW-846 Method 9045. Laboratory data were reviewed and evaluated for quality and validity using general data validation guidelines established by the EPA. A summary of the data review and validation is included as Appendix B. The NEL Laboratory data packages are included in Appendix C.

2.3 Former Diesel Fuel Storage Tank Area

2.3.1 Background

This site was investigated (three soil borings) as part of the previously conducted Phase II ECA. Based on the results of the previous Phase II ECA, the NDEP requested supplemental investigation in this area.

2.3.2 Sampling Locations and Method

As with the Old P-2 and Old P-3 Ponds sampling described above, the former diesel fuel storage tank area sampling followed the protocol established in the 1997 Phase II ECA Work Plan. In response to the NDEP request for additional investigation, and to determine the extent of petroleum affected soil in the area of the former diesel fuel storage tank, four additional borings were advanced within the former diesel fuel storage tank bermed area. In order to evaluate the vertical extent of diesel or petroleum hydrocarbon contaminants in the soil, the four borings were located adjacent to previously installed borings in which total petroleum hydrocarbons (TPH) were detected. The borings were advanced using a hollow-stem auger drill rig to the capillary fringe which occurred at depths ranging between 33 and 42.5 feet bgs. Samples were collected via a split-spoon sampler at 5-foot-depth intervals from the ground surface to the total depth of each boring. Soil descriptions were prepared in accordance with the USCS based on inspection of the collected split-spoon samples and by visual inspection of drill cuttings. The soil boring logs are included in Appendix A.

To evaluate potential impacts of diesel to groundwater, two groundwater samples were collected. Consistent with the Supplemental Phase II ECA Work Plan, one sample was collected from the existing monitoring well M-21 located approximately 50 feet downgradient. In addition, another groundwater sample was collected from a temporary well. The temporary well consisted of a slotted, 2-inch PVC casing inserted into soil boring SB5-5. Although the Supplemental Phase II Work Plan specified that a hydropunch sample be collected, the extremely slow well recharge made the hydropunch sample collection impracticable due to a prolonged recharge time. As an equivalent alternative, the temporary well was installed which could allow several hours of groundwater flow into the well bore.

Consistent with previous sampling efforts, well recharge rates into M-21 and temporary well SB5-5 were very slow and after nearly 8 hours of recharge, the collectable groundwater volume in the well casing was sufficient to allow only a TPH-d analysis, excluding the proposed benzene, toluene, ethylbenzene and xylene (BTEX) and polycyclic aromatic hydrocarbons (PAH) analyses.

2.3.3 Sample Analysis

The soil samples were analyzed for diesel-range total petroleum hydrocarbons (TPH-d) by EPA Method 8015, for BTEX by EPA Method 8020, and for PAH by EPA Method 8270. The groundwater samples were analyzed for TPH-d by EPA Method 8015 for diesel. Insufficient groundwater volumes were collectable to allow the planned additional analysis for BTEX (by EPA Method 8020) and PAH (by EPA Method 8270).

Laboratory data were reviewed and evaluated for quality and validity using general data validation guidelines established by the EPA. A summary of laboratory data review and validation is included in Appendix B. The NEL Laboratory data packages are included in Appendix C.

2.3.4 Geotechnical Sampling

In support of a potential future Risk-Based Corrective Action (RBCA) evaluation at the former diesel fuel storage tank area, one sample judged to be of a typical lithology for the area (SB2-16-15B) was collected and analyzed for geotechnical parameters including: total organic carbon, specific gravity, moisture content, dry density, bulk density and porosity. The geotechnical laboratory results are included in Appendix D.

3.0 ANALYTICAL RESULTS AND SUMMARY OF FINDINGS

Soil and groundwater sampling conducted as part of this Supplemental Phase II ECA was performed between March 28 and April 2, 1999. The laboratory analytical results are included in Appendix C and D.

3.1 Old P-2 and P-3 Pond Area

A summary of the analytical laboratory results from Old P-2 and Old P-3 Ponds are presented in Table 3-1 (located at the end of this section) for soil samples SB2-14 through SB2-24, respectively. The sample locations are shown in Figure 2-1.

Total chromium results from samples collected from the borings advanced along the perimeter of both ponds were below 100 milligrams per kilograms (mg/kg). These results indicated that soils impacted with chromium associated with Old P-2 and P-3 Pond activities have been limited to within the pond interiors. No further assessment is warranted beyond the pond interiors.

For borings within the Old P-2 and P-3 Pond interiors (SB2-14 through SB2-17), all of the deepest samples collected at the top of the capillary fringe were less than 100 mg/kg except for SB2-17 which was 100 mg/kg at a total depth of 33 feet bgs. Except for SB2-16, which had no chromium detections exceeding 100 mg/kg, samples collected from the other three borings within the pond interiors (soil borings SB2-14, SB2-15, and SB2-17) encountered concentrations of total chromium exceeding 100 mg/kg at varying depths. Among the samples collected from SB2-14, SB2-15, and SB2-17, chromium concentrations in soil ranged up to a maximum of 540 mg/kg. The deepest chromium detections exceeding 100 mg/kg, in SB2-14, SB2-15, and SB2-17, were 160 mg/kg, 100 mg/kg, and 100 mg/kg at depths of 30 feet, 27 feet, and 33 feet bgs, respectively. The groundwater capillary fringe was encountered at varying depths of 33 to 42.5 feet bgs.

Levels of pH were measured in soil samples from all Old P-2 and P-3 Pond soil borings. Levels of pH ranged from a low of 7.8 to a high of 10. pH levels from the four borings within the Old P-2 and P-3 Pond interiors ranged from a low of 8.1 to a high of 10.

Although factors influencing the mobility of chromium are complex, elevated pH values tend to retard the mobility of chromium, especially trivalent chromium Cr(III) (Allen 1993). This implies that the mobility of chromium in soil beneath the Old P-2 and P-3 Ponds is retarded, thus, limiting or eliminating the ponds as an existing or future source of chromium to groundwater.

**Table 3-1
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada**

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
Old P-2 Pond – Interior			
SB2-14-1.5	1.5	10	59
SB2-14-1.5D	Duplicate-1.5	10	76
SB2-14-3	3	10	45
SB2-14-4.5	4.5	10	36
SB2-14-6	6	9.6	54
SB2-14-7.5	7.5	9.5	51
SB2-14-9	9	9.7	40
SB2-14-10.5	10.5	9.7	42
SB2-14-12	12	9.8	82
SB2-14-13.5	13.5	9.6	57
SB2-14-15	15	9.2	92
SB2-14-16.5	16.5	9.5	75
SB2-14-18	18	9.3	140
SB2-14-19.5	19.5	8.5	46
SB2-14-21	21	8.7	110
SB2-14-22.5	22.5	8.5	100
SB2-14-24	24	8.1	320
SB2-14-25.5	25.5	8.5	250
SB2-14-27	27	8.2	540
SB2-14-28.5	28.5	8.3	280
SB2-14-30	30	8.6	160
SB2-14-31.5	31.5	8.7	99
SB2-14-33	33	8.2	46
SB2-15-1.5	1.5	9.5	98
SB2-15-3	3	9.6	63
SB2-15-4.5	4.5	9.3	150
SB2-15-6	6	9.4	170
SB2-15-7.5	7.5	8.9	230
SB2-15-9	9	9.1	210
SB2-15-10.5	10.5	9.5	200
SB2-15-12	12	9.2	170
SB2-15-13.5	13.5	9.3	190
SB2-15-15	15	9.1	160
SB2-15-16.5	16.5	9.2	18
SB2-15-18	18	9.9	20
SB2-15-19.5	19.5	9.5	27

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
SB2-15-21	21	9.6	21
SB2-15-22.5	22.5	8.7	31
SB2-15-24	24	8.1	51
SB2-15-25.5	25.5	8.2	61
SB2-15-27	27	8.6	100
SB2-15-28.5	28.5	9.2	53
SB2-15-30	30	9.7	23
SB2-15-31.5	31.5	9.2	28
SB2-15-33	33	8.9	26
Old P-3 Pond – Interior			
SB2-16-1.5	1.5	9.1	22
SB2-16-3	3	9.2	19
SB2-16-3D	Duplicate – 3	9	17
SB2-16-4.5	4.5	9	18
SB2-16-6	6	8.9	15
SB2-16-7.5	7.5	8.7	20
SB2-16-9	9	8.6	44
SB2-16-10.5	10.5	8.6	23
SB2-16-12	12	8.6	18
SB2-16-13.5	13.5	8.6	17
SB2-16-15	15	8.5	14
SB2-16-16.5	16.5	8.4	12
SB2-16-18	18	8.7	12
SB2-16-19.5	19.5	8.8	11
SB2-16-21	21	8.8	12
SB2-16-22.5	22.5	8.8	11
SB2-16-24	24	8.7	18
SB2-16-25.5	25.5	8.2	16
SB2-16-27	27	8.3	16
SB2-16-28.5	28.5	8.2	51(JI)
SB2-16-30	30	8.3	20
SB2-16-31.5	31.5	8.5	21
SB2-16-33	33	8.1	23
SB2-16-34.5	34.5	8.1	22
SB2-17-1.5	1.5	10	140
SB2-17-3	3	9.5	38
SB2-17-4.5	4.5	9.6	36
SB2-17-6	6	9.7	32

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
SB2-17-7.5	7.5	9.8	28
SB2-17-9	9	9.7	32
SB2-17-10.5	No sample taken		
SB2-17-12	12	9.6	47
SB2-17-13.5	13.5	9.3	53
SB2-17-15	15	9.3	130
SB2-17-16.5	16.5	9.2	160
SB2-17-18	18	8.9	190
SB2-17-19.5	19.5	9.1	78
SB2-17-21	21	9.1	87
SB2-17-22.5	22.5	9.1	87
SB2-17-24	24	9.1	85
SB2-17-25.5	25.5	9.2	140
SB2-17-27	27	8.8	130
SB2-17-28.5	28.5	8.2	190
SB2-17-30	30	8.2	48
SB2-17-31.5	31.5	8.4	47
SB2-17-33	33	8.7	100
Old P-2 Pond – North Perimeter			
SB2-18-2	2	9.1	13
SB2-18-5	Duplicate-5	8.5	13
SB2-18-6.5	6.5	9.2	14
SB2-18-8	8	8.8	19
SB2-18-9.5	9.5	8.1	8.2
SB2-18-11	11	8.2	15
SB2-18-12.5	12.5	8.4	19
SB2-18-14	14	8.3	14
SB2-18-15.5	15.5	8.0	15
SB2-18-17	17	8.1	14
SB2-18-18.5	18.5	7.9	14
SB2-18-20	20	8.1	21
SB2-18-21.5	21.5	8.1	18
SB2-18-23	23	8.1	12
SB2-18-24.5	24.5	8.0	12
SB2-18-26	26	7.9	7.9
SB2-18-27.5	27.5	8.1	10
SB2-18-29	29	8.2	12
SB2-18-30.5	30.5	8.0	8.9

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
SB2-18-32	32	7.9	8.8
SB2-18-33.5	33.5	8.3	9.2
SB2-18-35	35	7.8	14
SB2-18-36.5	36.5	7.9	14
SB2-18-38	38	8.1	39
SB2-18-39.5	39.5	8.9	29
SB2-18-41	41	8.3	44
Old P-2 Pond East Perimeter			
SB2-19-2	2	9.7	3.6
SB2-19-6.5	6.5	9.9	3.4
SB2-19-8	8	9.6	12
SB2-19-9.5	9.5	8.7	12
SB2-19-11	11	9.7	10
SB2-19-12.5	12.5	9.2	12
SB2-19-14	14	8.8	11
SB2-19-15.5	15.5	9.6	11
SB2-19-17	17	8.8	14
SB2-19-18.5	18.5	8.7	11
SB2-19-20	20	8.5	10
SB2-19-21.5	21.5	8.8	13
SB2-19-23	23	8.3	10
SB2-19-24.5	24.5	8.8	8.4
SB2-19-26	26	8.8	9.5
SB2-19-27.5	27.5	8.4	8.1
SB2-19-29	29	8.6	7.9
SB2-19-30.5	30.5	8.6	11
SB2-19-32	32	8.3	9.6
SB2-19-33.5	33.5	8.1	11
SB2-19-35	35	8.2	20
SB2-19-36.5	36.5	8.1	30
SB2-19-38	38	8.1	22
SB2-19-39.5	39.5	8.1	23
SB2-19-41	41	8.2	20
SB2-19-42.5	42.5	8.1	27
Old P-3 Pond – North Perimeter			
SB2-20-6.5	6.5	8.3	31
SB2-20-6.5D	6.5D	8.3	31
SB2-20-7	7	8.2	39

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
SB2-20-9.5	9.5	8.3	49
SB2-20-11	11	8.2	40
SB2-20-11D	Duplicate – 11	8.3	42
SB2-20-12.5	12.5	8.4	39
SB2-20-14	14	9	44
SB2-20-15.5	15.5	8.7	54
SB2-20-17	17	8.9	42
SB2-20-18.5	18.5	8.7	36
SB2-20-20	20	8.8	37
SB2-20-21.5	21.5	8.7	39
SB2-20-23	23	8.8	42
SB2-20-24.5	24.5	8.7	39
SB2-20-26	26	8.7	39
SB2-20-27.5	27.5	9.8	23
SB2-20-29	29	9.2	30
SB2-20-30.5	30.5	9.7	16
SB2-20-32	32	9.5	15
SB2-20-33.5	33.5	8.9	14
SB2-20-35	35	8.8	100
SB2-20-36.5	36.5	9	53
SB2-20-38	38	9.3	39
SB2-20-39.5	39.5	9.2	19
SB2-20-41	41	8.8	22
Old P-3 Pond – West Perimeter			
SB2-21-6.5	6.5	8.4	10
SB2-21-8	8	8.2	13
SB2-21-8D	Duplicate – 8	8.5	13
SB2-21-9.5	9.5	8	11
SB2-21-11	11	8	12
SB2-21-12.5	12.5	8.6	12
SB2-21-14	14	8.4	15
SB2-21-15.5	15.5	8.5	12
SB2-21-17	17	8.6	14
SB2-21-18.5	18.5	8.4	14
SB2-21-20	20	8.4	15
SB2-21-21.5	21.5	8.5	13
SB2-21-23	23	8.8	15
SB2-21-24.5	24.5	8.6	13

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
SB2-21-26	26	8.8	12
SB2-21-27.5	27.5	9	11
SB2-21-29	29	9.4	6.5
SB2-21-30.5	30.5	9.2	13
SB2-21-32	32	9.1	10
SB2-21-33.5	33.5	8.2	24
SB2-21-35	35	8.4	16
SB2-21-36.5	36.5	8.2	18
SB2-21-38	38	8.1	28
SB2-21-39.5	39.5	8.1	23
SB2-21-41	41	8.1	18
SB2-21-42.5	42.5	8.1	21
Old P-3 Pond – Southern Perimeter			
SB2-22-6.5	6.5	8.9	12
SB2-22-8	8	8.6	13
SB2-22-9.5	9.5	8.6	12
SB2-22-11	11	8.5	12
SB2-22-12.5	12.5	8.5	14
SB2-22B-15.5	15.5	8.4	17
SB2-22B-17	17	8.2	17
SB2-22B-18.5	18.5	8.1	15
SB2-22B-20	20	8.2	14
SB2-22B-21.5	21.5	8.4	16
SB2-22B-23	23	8.5	15
SB2-22B-24.5	24.5	7.9	14
SB2-22B-26	26	8.4	12
SB2-22B-27.5	27.5	8.3	10
SB2-22B-29	29	8.5	6
SB2-22B-30.5	30.5	8.4	8
SB2-22B-32	32	8.4	13
SB2-22B-33.5	33.5	8.1	6.6
SB2-22B-35	35	7.8	18
SB2-22B-36.5	36.5	8.4	12
SB2-22B-38	38	8.4	25
SB2-22B-39.5	39.5	8.2	19
SB2-22B-41	41	8.1	21
SB2-22B-42.5	42.5	8.1	25
SB2-22B-44	44	8.2	19

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
Old P-2 Pond – Southwest Perimeter			
SB2-23-6.5	6.5	8.9	14
SB2-23-8	8	8.9	15
SB2-23-9.5	9.5	9.1	15
SB2-23-11	11	8.8	12
SB2-23-12.5	12.5	8.8	14
SB2-23-14	14	8.7	14
SB2-23-15.5	15.5	8.7	15
SB2-23-17	17	8.8	11
SB2-23-18.5	18.5	8.7	14
SB2-23-20	20	8.6	12
SB2-23-20D	Duplicate – 20	8.9	13
SB2-23-21.5	21.5	8.7	14
SB2-23-23	23	8.9	8.9
SB2-23-24.5	24.5	9.1	15
SB2-23-26	26	8.5	7.6
SB2-23-27.5	27.5	8.3	12
SB2-23-29	29	8.3	12
SB2-23-30.5	30.5	8.2	15
SB2-23-32	32	8.5	16
SB2-23-33.5	33.5	8.5	47
SB2-23-35	35	8.5	16
SB2-23-36.5	36.5	8.4	18
SB2-23-38	38	8.3	23
SB2-23-39.5	39.5	8.5	32
SB2-23-41	41	8.5	20
Old P-2 Pond – Southern Perimeter			
SB2-24-6.5	6.5	8.6	18
SB2-24-7	7	8.4	16
SB2-24-9.5	9.5	8.4	14
SB2-24-11	11	8.8	16
SB2-24-12.5	12.5	9.9	15
SB2-24-14	14	9.7	16
SB2-24-15.5	15.5	9.5	16
SB2-24-17	17	9.3	15
SB2-24-18.5	18.5	9.6	11
SB2-24-20	20	9.2	12
SB2-24-20D	20	9.3	15

Table 3-1 (continued)
Analytical Results – Supplemental Soil Borings
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth (feet bgs)	EPA Method 9045B (pH)	Total Chromium EPA Method 6010 (mg/kg) RL = 0.5 mg/kg
SB2-24-21.5	21.5	9.1	13
SB2-24-23	23	8.4	10
SB2-24-24.5	24.5	8.2	11
SB2-24-26	26	8.3	10
SB2-24-27.5	27.5	8.1	6
SB2-24-29	29	8	14
SB2-24-30.5	30.5	8.3	11
SB2-24-32	32	8.5	15
SB2-24-33.5	33.5	8.5	9.3
SB2-24-35	35	8.1	32
SB2-24-36.5	36.5	8.3	42
SB2-24-38	38	8.2	17
SB2-24-39.5	39.5	8.2	99
SB2-24-41	41	8.5	37
RL = Laboratory Reporting Limit ND = Not detected at laboratory reporting limit = <0.01 mg/kg NA = Not analyzed			

Table 3-2
Analytical Results – Former Diesel Fuel Storage Tank Area
Supplemental Phase II Assessment, March/April 1999
Kerr-McGee Chemical LLC, Henderson, Nevada

Sample Number	Sample Depth	EPA Method 8015 (mg/kg)	EPA Method 8020 (mg/kg)				EPA Method 8270 (µg/kg)
		TEPH (diesel range)	Benzene	Toluene	Ethylbenzene	Total Xylenes	PAHs
Soil Analysis							
SB5-4-5	5	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-10	10	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-15	15	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-20	20	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-25	25	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-30	30	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-35	35	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-4-40	40	50	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-5	5	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-10	10	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-15	15	25	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-20	20	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-25	25	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-30	30	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-35	35	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-5-40	40	90	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-5	5	38	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-5D	5	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-10	10	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-15	15	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-20	20	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-25	25	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-30	30	ND (<10)	ND (<5)	ND (<5)	ND (<5)	ND (<5)	ND (<0.5)
SB5-6-35	35	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-6-40	40	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-5	5	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-10	10	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-10D	10	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-15	15	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-20	20	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-25	25	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-30	30	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-35	35	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
SB5-7-40	40	ND (<10)	ND (<2)	ND (<2)	ND (<2)	ND (<2)	ND (<0.5)
Water Analysis							
SB5-5	WATER	13 mg/L (RL=0.5mg/l)	NA	NA	NA	NA	NA
MW-21	WATER	ND (RL=0.5mg/l)	NA	NA	NA	NA	NA

ND (<5) = Nondetect at laboratory Reporting Limit (RL) of 5 mg/kg
ND (<2) = Nondetect at laboratory Reporting Limit of 2 mg/kg
NA = Not analyzed

3.2.1 Risk-Based Corrective Action Evaluation

In order to evaluate the value of applying a RBCA evaluation to the former diesel fuel storage tank area site, data from soil samples collected from borings SB5-4, SB5-5, SB5-6, and SB5-7, and water samples collected from M-21 and SB5-5 were reviewed (see Table 3-2). Compounds of concern that commonly cause a health risk and that are included in RBCA analyses include benzene, toluene, ethylbenzene, and xylene (BTEX). None of these compounds were detected in the soils sampled in the above-referenced soil borings.

In regards to groundwater, the sample collected from SB5-5 directly beneath the diesel tank storage area detected only low levels (13 mg/l) of TPH-d, and TPH-d levels in monitoring well M-21 approximately 50-feet downgradient were nondetect.

These data strongly suggest that although minor TPH-d concentrations may exist in the groundwater beneath this site, the impact has not moved since the time of the tank removal prior to 1997.

Without detectable BTEX concentrations in soils beneath the site, there is no demonstrable health risk and therefore, no need for further risk evaluation. In addition, groundwater data from beneath the site demonstrate that the TPH-d concentrations in groundwater are very low, and the impact is stationary having not migrated approximately 50 feet to monitoring well M-21.

3.2.2 Conclusion

The objective of this Supplemental Phase II ECA for the further characterization of the former diesel fuel storage tank area has been met. No further investigation of the former diesel fuel storage tank area is recommended nor is it warranted. Based on the results of the Supplementary Phase II ECA, the diesel fuel tank storage area represents neither an impact nor a further threat to underlying groundwater.

4.0 REFERENCES

- Allen, H.E., 1993. *Metals in Groundwater*, Lewis Publishers.
- Kerr-McGee Chemical LLC. 1998. Supplemental Phase II Work Plan, Kerr-McGee Chemical LLC, Henderson, Nevada Facility. Prepared for Nevada Division of Environmental Protection. November 9, 1998.
- Kerr-McGee Chemical Corporation. 1997. Phase II Environmental Conditions Assessment Located at Kerr-McGee Chemical Corporation, Henderson, Nevada. Prepared for Nevada Division of Environmental Protection. August 7, 1997.
- Kerr-McGee Chemical Corporation. 1996. *Henderson Phase II Work Plan & Health and Safety Plan*. Prepared for Nevada Division of Environmental Protection. October 14, 1996.
- Kerr-McGee Chemical Corporation. 1996. *Response to Letter of Understanding, Henderson, Nevada Facility*. Prepared for Bureau of Corrective Actions, Nevada Division of Environmental Protection. October 1996.
- Kleinfelder, Inc., 1993. *Environmental Conditions Assessment, Kerr-McGee Chemical Corporation, Henderson, Nevada Facility*. Prepared for Kerr-McGee Chemical Corporation. April 1993.

APPENDIX A

Boring Logs

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1							
2							
3							
4							
5				34	SB5-4-5.0	Silty SAND (SM): Poorly graded, fine grained sand, medium dense, non consolidated, dry, trace angular gravel, light orangish brown, no odors or staining	
6							
7							
8							
9							
10				65	SB5-4-10.0		
11							
12							
13							
14							
15				80	SB5-4-15.5	occasional fine-grained sub-angular gravel	
16							
17							
18							
19							
20				126	SB5-4-20.0		
21				8"			
22							
23							
24							
25				90	SB5-4-25.0	Sandy Gravel (GP): Orangish red matrix, very dense, dark gray fine grained sub-angular gravel	
26							
27							
28							
29							
30							
31				75	SB5-4-30.0	Silty SAND (SM): Orangish brown, trace angular igneous inclusions, damp, no unusual odors or stains noted	
32							
33							

COMPLETION DEPTH: 41.5 Ft.
 DEPTH TO WATER
 First Encountered (☒): None
 At End of Drilling (☒): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB5-4
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35			100	SB5-4-35.0	Silty SAND (SM): Orangish brown, trace angular igneous inclusions, damp, no unusual odors or stains noted	
36			76			
37					Clayey SILT (ML): Stiff, medium orange, top of muddy creek, moist to wet	
38						
39					Boring terminated at the capillary fringe	
40						
41			43	SB5-4-40.0		
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						

COMPLETION DEPTH: 41.5 Ft.

DEPTH TO WATER

First Encountered (☒): None

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB5-4
 Kerr-McGee Chemical LLC
 Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1					Silty SAND (SM): Poorly graded fine grained sand, dense, dry, trace sub-angular fine grained gravel, medium orange brown, no odors or staining noted	
2						
3						
4						
5			43	SB5-5-5.0		
6					trace medium inclusions, subrounded	
7						
8						
9						
10			27	SB5-5-10.0		
11			50/4		Sandy Gravel (GP): Dense, medium orange brown, poorly graded fine grained sand, very fine to medium grained sub-angular gravel, dry, no stains or odors noted	
12						
13						
14						
15			100	SB5-5-15.0		
16			6"		Sandy SILT (ML): Very stiff, medium orangish brown, non-plastic, dry, no unusual odors or stains noted	
17						
18						
19						
20			47	SB5-5-20.0		
21			30/8"			
22						
23						
24						
25			68	SB5-5-25.0		
26						
27						
28						
29						
30			115	SB5-5-30.0		
31						
32						
33						

COMPLETION DEPTH: 41.5 Ft.
 DEPTH TO WATER
 First Encountered (☒): 41.5 Ft.
 At End of Drilling (☒): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB5-5
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35				59	SB5-5-35.0	Silty SAND (SM): Very fine lenses or stringers of caliche (hydrochloric acid reactive)	
36							
37							
38							
39							
40				44	SB5-5-40.0	with saturated coarse sand, strong hydrocarbon odor	
41							
42							
43							
44						Boring advancement terminated at top of water table. Temporary monitoring well set for the collection of groundwater sample	
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							

COMPLETION DEPTH: 41.5 ft.
 DEPTH TO WATER
 First Encountered (▽): 41.5 ft.
 At End of Drilling (≡): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB5-5
 Kerr-McGee Chemical LLC
 Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank Area SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						
2						
3						
4						
5			34	SB5-6-5.0	Sandy SILT (ML): Very fine grained sand, dense, dry, trace very fine grained gravel, orangish brown, no odors or staining	
6						
7						
8						
9						
10			43	SB5-6-10.0	Silty SAND (SM): Trace gravel, poorly graded fine grained sand, very dense, medium orangish brown, no stains or odors noted	
11						
12						
13						
14						
15			47	SB5-6-15.0	increased gravel	
16			50/3			
17						
18						
19						
20			63	SB5-6-20.0	Silty sandy GRAVEL (GM): Very dense, orange brown, very poorly graded fine grained sand, fine grained angular gravel, sub-angular, dry, no odors or stains noted	
21						
22						
23						
24						
25			115	SB5-6-25.0		
26						
27						
28						
29						
30						
31			108	SB5-6-30.0	Silty SAND (SM): Very dense, medium orange brown, trace sub-angular fine grained gravel, medium grained sand, dry, no unusual odors or stains noted	
32						
33						

COMPLETION DEPTH: 41.5 ft.
 DEPTH TO WATER
 First Encountered (∇): 41.5 ft.
 At End of Drilling (⊕): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB5-6
 Kerr-McGee Chemical LLC
 Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area	PID READING (PPMV)
						SURFACE EL: Not Surveyed	
						MATERIAL DESCRIPTIONS	
	35	[Symbol: Dotted pattern]	[Symbol: Triangle]	125 6"	SB5-6-35.0	Silty SAND (SM): very dense, light orange brown, poorly graded fine grained sand, trace fine grained sub-angular gravel, dry, no unusual odors or stains noted	
	36						
	37						
	38						
	39						
	40	[Symbol: Vertical lines]	[Symbol: Triangle]	39	SB5-6-40.0	SILT (ML): Medium orange brown, no gravel, moist to wet, no stains or odors	
	41						
	42						
	43						
	44						
	45	Boring terminated at the capillary fringe					
	46						
	47						
	48						
	49						
	50						
	51						
	52						
	53						
	54						
	55						
	56						
	57						
	58						
	59						
	60						
	61						
	62						
	63						
	64						
	65						
	66						
	67						

COMPLETION DEPTH: 41.5 ft.
 DEPTH TO WATER
 First Encountered (☒): 41.5 ft.
 At End of Drilling (☒): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB5-6
 Kerr-McGee Chemical LLC
 Henderson, Nevada Facility**


ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area	PID READING (PPMV)
						SURFACE EL: Not Surveyed	
						MATERIAL DESCRIPTIONS	
1							
2							
3							
4							
5			51		SB5-7-5.0	Silty SAND (SM): Dense, dry, trace fine grained sub-angular gravel, dark orangish brown, no odors or staining	
6							
7							
8							
9							
10			71		SB5-7-10.0		
11							
12							
13							
14							
15			60		SB5-7-15.0	Gravelly silty SAND (SM): Dense, orange brown, poorly graded fine grained sand, very fine to fine, sub-angular gravel, dry, no odors or stains	
16							
17							
18							
19							
20			89		SB5-7-20.0	increasing silt	
21							
22							
23							
24							
25			58		SB5-7-25.0	Sandy SILT (ML): Dense, medium orange brown, very fine grained sand, trace very fine grained sub-angular gravel, dry, no unusual odors or stains noted	
26							
27							
28							
29							
30			51		SB5-7-30.0	Silty SAND (SM): Dense, medium brown, very fine grained sand, trace coarse grained sand, no odors or stains noted	
31							
32							
33							



COMPLETION DEPTH: 41.5 ft.
 DEPTH TO WATER
 First Encountered (▽): 41.5 ft.
 At End of Drilling (⊕): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB5-7
 Kerr-McGee Chemical LLC
 Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Former diesel fuel storage tank area SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35				33	SB5-7-35.0	Firm, medium orangish brown, very fine grained poorly graded sand, damp, no unusual odors or stains noted	
36							
37						Sandy SILT (ML):	
38							
39							
40				25	SB5-7-40.0	 SILT (ML): Trace clay, medium orange brown, moist to wet, very slightly plastic, no stains or odors	
41							
42							
43							
44						Boring terminated at the capillary fringe	
45							
46							
47							
48							
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67							

COMPLETION DEPTH: 41.5 ft.
DEPTH TO WATER
First Encountered (): 41.5 ft.
At End of Drilling (): None
BACKFILLED WITH: Bentonite Chips
DRILLING DATE: March 29, 1999

DRILLING METHOD: Hollow Stem
DRILLED BY: Gregg Drilling
LOGGED BY: DJ. Poehls
CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB5-7
Kerr-McGee Chemical LLC
Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Old P-2 pond bottom SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						Gravelly SAND (SW): Dry, no unusual odors or stains noted	
2					SB2-14-1.5		
3					SB2-14-3.0	SAND (SW): Well graded, trace fine gravel	
4					SB2-14-4.5		
5					SB2-14-6.0		
6					SB2-14-6.0	Silty SAND (SM):	
7					SB2-14-7.5		
8					SB2-14-7.5	Gravelly SAND (SW):	
9					SB2-14-9.0		
10					SB2-14-9.0	Silty SAND (SM):	
11					SB2-14-10.5		
12					SB2-14-10.5	Gravelly silty SAND (SM):	
13					SB2-14-12.0		
14					SB2-14-12.0	Silty SAND (SM):	
15					SB2-14-13.5		
16					SB2-14-13.5	Gravelly SAND (SW): Damp	
17					SB2-14-15.0		
18					SB2-14-15.0	Silty SAND (SM): Damp	
19					SB2-14-16.5		
20					SB2-14-16.5	Gravelly SAND (SW):	
21					SB2-14-18.0		
22					SB2-14-18.0	Sandy GRAVEL (GW):	
23					SB2-14-19.5	dark orange brown	
24					SB2-14-21.0		
25					SB2-14-21.0	Gravelly SAND (SW):	
26					SB2-14-22.5		
27					SB2-14-22.5	Sandy GRAVEL (GW):	
28					SB2-14-24.0		
29					SB2-14-24.0	Gravelly SILT (ML): No odors or stains noted	
30					SB2-14-25.5		
31					SB2-14-25.5	SILT (SM): Yellow brown, fine caliche stringers, trace fine grained gravel, sweet odor no stains	
32					SB2-14-27.0		
33					SB2-14-28.5		
					SB2-14-30.0		
					SB2-14-31.5		
					SB2-14-31.5	SILT (ML): Orange brown, moist	
					SB2-14-33.0	∇ SILT (ML) wet: (Boring terminated at capillary fringe)	

COMPLETION DEPTH: 33.5 Ft.

DEPTH TO WATER

First Encountered (∇): 33.0 ft.

At End of Drilling (∇): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 30, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gery

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-14
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES BLOWS/FT	SAMPLE NO.	LOCATION: Old P-2 pond bottom SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1					Gravelly SAND (SW):	
2				SB2-15-1.5		
3				SB2-15-3.0	light orange brown	
4				SB2-15-4.5		
5				SB2-15-6.0	Silty SAND (SM): Trace of fine grained gravel	
6				SB2-15-7.5	Gravelly SAND (SW):	
7				SB2-15-9.0		
8				SB2-15-10.5	Silty SAND (SM):	
9				SB2-15-12.0	trace of fine grained angular gravel	
10				SB2-15-13.5		
11				SB2-15-15.0	SAND (SP): Trace gravel	
12				SB2-15-16.5	Gravelly silty SAND (SM): Poorly graded, very fine sand, occasional medium gravel	
13				SB2-15-18.0		
14				SB2-15-19.5	Sandy GRAVEL (GP):	
15				SB2-15-21.0	SAND (SW): Very well graded, angular coarse grained, fine grained gravel	
16				SB2-15-22.5		
17				SB2-15-24.0	Silty SAND (SM): Very fine sand, dry, light orange brown	
18				SB2-15-25.5		
19				SB2-15-27.0	SAND (SP): Poorly graded, very fine sand, trace coarse sand	
20				SB2-15-28.5	Gravelly silty SAND (SP): Thin layers of caliche	
21				SB2-15-30.0		
22				SB2-15-31.5	SAND (SW): Very well graded, moist	
23				SB2-15-33.0	SILT (ML): Slightly compacted	
24				SB2-15-33.0	SAND (SP): moderately well graded, silt layers, wet	

COMPLETION DEPTH: 33.5 Ft.

(Boring terminated at the capillary fringe)

DRILLING METHOD: Hollow Stem

DEPTH TO WATER

DRILLED BY: Gregg Drilling

First Encountered (☒): None

LOGGED BY: DJ. Poehls

At End of Drilling (☒): None

CHECKED BY: D. Geny

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 30, 1999

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB2-15
Kerr-McGee Chemical LLC
Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES BLOWS/FT	SAMPLE NO.	LOCATION: Old P-3 pond bottom SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						
2				SB2-16-1.5	Sandy SILT (ML): coarse grained, black silt	
3				SB2-16-3.0		
4				SB2-16-4.5		
5				SB2-16-6.0	Gravelly SAND (SP):	
6				SB2-16-7.5		
7				SB2-16-9.0		
8				SB2-16-10.5	SAND (SP):	
9				SB2-16-12.0	Gravelly SAND (SP):	
10				SB2-16-13.5	Silty SAND (SM):	
11				SB2-16-15.0	Gravelly silty SAND (SW):	
12				SB2-16-16.5		
13				SB2-16-18.0	SAND (SP):	
14				SB2-16-19.5	Gravelly SAND (SP):	
15				SB2-16-21.0	SAND (SW): Very well graded, predominately coarse grained, trace silt	
16				SB2-16-22.5	trace fine gravel	
17				SB2-16-24.0	dark brown, black, orange	
18				SB2-16-25.5	Silty SAND (SM): Stringers of caliche, light orange brown	
19				SB2-16-27.0		
20				SB2-16-28.5	Gravelly silty SAND (SW): dark orange brown	
21				SB2-16-30.0	Silty SAND (SM): Tan, dry, partially cemented	
22				SB2-16-31.5		
23				SB2-16-33.0	SILT (ML): Slightly compacted, moist	
24				SB2-16-34.0		

COMPLETION DEPTH: 34.5 Ft.
 DEPTH TO WATER

(Boring terminated at the capillary fringe)

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

First Encountered (☒): None
 At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 30, 1999

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-16
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: Old P-3 Pond Bottom SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1					SB2-17-1.5	Silty Sand (SM): Lenses of black loam, no unusual odors or stains noted	
2					SB2-17-3.0		
3					SB2-17-4.5		
4					SB2-17-6.0		
5					SB2-17-7.5		
6					SB2-17-6.0	SAND (SP): Fine to very fine, poorly graded	
7					SB2-17-7.5	gravel at 7.5', moderately graded sand, very fine-medium, grained	
8					SB2-17-9.0		
9					SB2-17-9.0		
10					No Sample		
11					SB2-17-12.0	fine to medium grained sand as above	
12					SB2-17-13.5		
13					SB2-17-13.5		
14					SB2-17-15.0	Gravelly SAND (GP): Moderately graded	
15					SB2-17-15.0		
16					SB2-17-16.5	SAND (SP):	
17					SB2-17-16.5		
18					SB2-17-18.0	Gravelly SAND (GP): Moderately graded	
19					SB2-17-18.0		
20					SB2-17-19.5	SAND (SP): Fine to coarse sand with gravel, partially cemented with "caliche"	
21					SB2-17-19.5		
22					SB2-17-21.0	SAND (SW): Moderately well graded	
23					SB2-17-22.5		
24					SB2-17-24.0	SAND (SW): Very well graded coarse grained sand	
25					SB2-17-24.0		
26					SB2-17-25.5	SILT (ML): Light orange brown, damp, no unusual odors or stains noted	
27					SB2-17-27.0		
28					SB2-17-27.0		
29					SB2-17-28.5	Sandy SILT (SM): Light orange brown, damp, no unusual odors or stains noted	
30					SB2-17-30.0		
31					SB2-17-31.5	SILT (ML): Light orange brown, wet, no unusual odors or stains noted	
32					SB2-17-31.5		
33					SB2-17-33.0		

COMPLETION DEPTH: 33.5 Ft.

(Boring terminated at the capillary fringe)

DRILLING METHOD: Hollow Stem

DEPTH TO WATER

DRILLED BY: Gregg Drilling

First Encountered (▽): 33.0 ft.

LOGGED BY: DJ. Poehls

At End of Drilling (≡): None

CHECKED BY: D. Gerry

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 30, 1999

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-17
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: North side of old P-2 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						Silty Sand (SM): poorly graded fine grained sand, dry, no unusual odors or stains noted	
2					SB2-18-2.0		
3							
4							
5					SB2-18-5.0		
6						Gravelly silty SAND (SM): light orange to brown, medium grained with sub-angular gravel	
7					SB2-18-6.5		
8					SB2-18-8.0		
9					SB2-18-9.5		
10							
11					SB2-18-11.0	Gravelly SAND (SP): Very fine grained poorly graded sand, no odors or stains noted	
12					SB2-18-12.5		
13					SB2-18-14.0		
14					SB2-18-15.5		
15					SB2-18-17.0		
16						Sandy GRAVEL (GW): Sub-angular fine to medium grained gravel	
17					SB2-18-18.5		
18							
19					SB2-18-20.0	SAND (SP): Very fine to fine grained sand, trace fine gravel, poorly graded, no odors or stains noted	
20					SB2-18-21.5		
21					SB2-18-23.0		
22					SB2-18-24.5		
23					SB2-18-26.0		
24					SB2-18-27.5		
25					SB2-18-29.0		
26					SB2-18-30.5		
27					SB2-18-32.0		
28							
29							
30							
31							
32						Sandy SILT (SM): Very fine grained sand, occasional fine grained gravel, no odors or stains	
33							

COMPLETION DEPTH: 43.0 ft.

DEPTH TO WATER

First Encountered (▽): 43.0 ft.

At End of Drilling (⊗): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 31, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gery

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-18
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: North Side of old P-2 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35						SILT (ML):	
36							
37					SB2-18-36.5	SAND (SP): Coarse grained sand, mottled black, brown and orange	
38					SB2-18-38.0	Silty SAND (SM): Light tan, partly cemented caliche	
39					SB2-18-39.5		
40						SILT (ML): With laminations of fine sand	
41					SB2-18-41.0		
42						∇ Sandy SILT (SM): Orange brown, very fine grained sand, wet	
43					SB2-18-42.5		
44						Boring terminated at the capillary fringe	
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
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59							
60							
61							
62							
63							
64							
65							
66							
67							

COMPLETION DEPTH: 43.0 ft.
 DEPTH TO WATER
 First Encountered (∇): 43.0 ft.
 At End of Drilling (∇): None
 BACKFILLED WITH: Bentonite Chips
 DRILLING DATE: March 31, 1999

DRILLING METHOD: Hollow Stem
 DRILLED BY: Gregg Drilling
 LOGGED BY: DJ. Poehls
 CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-18
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: East berm of old P-2 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
	1					Silty SAND (SC): Mixture of sand, silt and clay with organic matter (loam), black, dry, fibrous, soft, no unusual odors or stains noted	
	2				SB2-19-2.0		
	3					as above, more consolidated	
	4						
	5				SB2-19-5.0		
	6					Gravelly SAND (GP): Medium orange brown, dry, poorly graded, no odors or stains noted	
	7				SB2-19-6.5		
	8					SAND (SP): Dark brown (loam) with dark orange brown sand, no odors or stains noted	
	9				SB2-19-8.0		
	10					Silty SAND (SM): Trace inclusions of caliche, no odors or stains noted	
	11				SB2-19-9.5		
	12					Gravelly SAND to Sandy GRAVEL (SP-GP): Very dense, medium to grained sub-angular gravel, no odors or stains	
	13				SB2-19-11.0		
	14					Silty gravelly SAND (SM): Very dense, poorly graded fine to medium grained sand	
	15				SB2-19-12.5		
	16					Silty sandy GRAVEL (GM): Fine to medium grained gravel, well graded sand	
	17				SB2-19-14.0		
	18					Gravelly silty SAND (SM): Very dense	
	19				SB2-19-15.5		
	20					Silty GRAVEL (GM): very dense, Fine to medium grained gravel	
	21				SB2-19-17.0		
	22					Gravelly SAND (SW): Well graded sand	
	23				SB2-19-18.5		
	24					SAND (SW): well graded	
	25				SB2-19-20.0		
	26					Gravelly SAND with silt (SM): moderately graded very fine to medium grained sand, fine gravel	
	27				SB2-19-21.5		
	28					Silty SAND (SM): Fine grained sand, very poorly graded, no unusual odors or stains	
	29				SB2-19-23.0		
	30						
	31						
	32						
	33						

COMPLETION DEPTH: 43.0 ft.

DEPTH TO WATER

First Encountered (∇): None

At End of Drilling (⊕): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 31, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-19
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: East berm of old P-2 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35					SB2-19-35.0	Silty SAND (SM): Very poorly graded, fine grained sand	
36						SAND (SP): Poorly graded fine sand, layers partly cemented with caliche	
37					SB2-19-36.5	Silty SAND (SM): Very poorly graded, fine grained sand	
38					SB2-19-38.0		
39							
40					SB2-19-39.5	SILT (ML): With trace clay and occasional coarse grained sand (SP) , moist	
41					SB2-19-41.0		
42							
43					SB2-19-42.5	Clayey SILT (ML): with trace of sub-rounded medium grained gravel, moist to wet	
44						Boring terminated at the capillary fringe - 43.0 ft.	
45							
46							
47							
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65							
66							
67							

COMPLETION DEPTH: 43.0 ft.

DEPTH TO WATER

First Encountered (☒): None

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 31, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gery

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-19
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: North berm of former P-3 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						Hand Augered to 5', No samples collected	
2							
3							
4							
5					SB2-20-5.0	Silty SAND (SM):	
6							
7					SB2-20-7.0	Gravelly SAND (SP):	
8							
9							
10					SB2-20-9.5	Silty SAND (SM): Very fine grained, very poorly graded	
11					SB2-20-11.0	Gravelly SAND (SP):	
12							
13					SB2-20-12.5	SAND (SP):	
14					SB2-20-14.0	occasional gravel	
15					SB2-20-15.5		
16					SB2-20-17.0		
17							
18					SB2-20-18.5	silty sand with trace gravel	
19					SB2-20-20.0		
20					SB2-20-21.5		
21							
22					SB2-20-23.0	occasional to trace gravel	
23							
24					SB2-20-24.5	Gravelly SAND (SP): With trace silt:	
25					SB2-20-26.0	Silty SAND (SW): With occasional fine grained gravel	
26					SB2-20-27.5	Gravelly SAND (SP): Trace silt, very well graded sand, occasional sub-angular gravel	
27					SB2-20-28.0		
28					SB2-20-29.0		
29					SB2-20-30.5	SAND (SW): Very well graded	
30					SB2-20-32.0	Gravelly SAND (SW): Very well graded sand as above, fine grained gravel, black, brown to orange:	
31							
32							
33							

COMPLETION DEPTH: 41.5 ft.

DEPTH TO WATER

First Encountered (∇): None

At End of Drilling (⊕): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 31, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB2-20
Kerr-McGee Chemical LLC
Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: North berm of former P-3 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35					SB2-20-35.0	Gravelly SAND (SP-GW): Very well graded sand as above, fine grained gravel, black, brown to orange	
36					SB2-20-36.5	SILT (ML): Slightly compacted, orange brown with very fine grained sand	
37					SB2-20-38.0		
38					SB2-20-38.0		
39					SB2-20-39.5		
40					SB2-20-39.5		
41					SB2-20-41.0	Clayey SILT (ML): Moist	
42						Boring terminated at the capillary fringe - 41.5 ft.	
43							
44							
45							
46							
47							
48							
49							
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66							
67							

COMPLETION DEPTH: 41.5 ft.

DEPTH TO WATER

First Encountered (☒): None

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: March 31, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-20
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: West berm of former P-3 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1	2					Hand Augered to 5', No samples collected	
5	6				SB2-21-6.5	Gravelly SAND (SP):	
7	8				SB2-21-8.0		
9	10				SB2-21-9.5	Gravelly SAND (SW): Moderately graded, very fine to medium grained sand	
11	12				SB2-21-11.0		
13	14				SB2-21-12.5	Gravelly silty SAND (SW); Moderately well graded sand	
15	16				SB2-21-14.0	trace clay	
17	18				SB2-21-15.5		
19	20				SB2-21-17.0	Silty SAND (SM): With occasional gravel	
21	22				SB2-21-18.5	Gravelly SILT (ML): Semi-consolidated, very dense, firm	
23	24				SB2-21-20.0		
25	26				SB2-21-21.5	Gravelly SAND (SP): poorly graded fine grained sand very fine grained gravel	
27	28				SB2-21-23.0		
29	30				SB2-21-24.5	damp, moist	
31	32				SB2-21-26.0	Sandy GRAVEL (GP): Poorly graded fine grained gravel, well graded sand	
33					SB2-21-27.5	fine to medium grained gravel	
					SB2-21-29.0	well graded sand, black/brown little or no fines	
					SB2-21-30.5	increasing fine grained gravel	
					SB2-21-32.0	Gravelly SAND (SW): Well graded sand predominately coarse grained	

COMPLETION DEPTH: 43.0 Ft.

DEPTH TO WATER

First Encountered (☒): None

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB2-21
Kerr-McGee Chemical LLC
Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: West berm of former P-3 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35					SB2-21-35.0	Silty SAND (SM): Very poorly graded, very fine grained sand, firm	
36					SB2-21-36.5	Sandy SILT (ML): Firm	
37					SB2-21-38.0	Gravelly SILT (ML): Very fine, dry	
38					SB2-21-39.5	SILT (ML): Occasional gravel	
39					SB2-21-41.0		
40					SB2-21-42.5	moist	
41							
42							
43							
44						Boring terminated at the capillary fringe - 43.0 ft.	
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							

COMPLETION DEPTH: 43.0 ft.

DEPTH TO WATER

First Encountered (☒): None

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gery

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-21
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES BLOWS/FT	SAMPLE NO.	LOCATION: South berm of former P-3 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1					Hand Augered to 5', No samples collected	
2						
3						
4						
5						
6					Gravelly SILT (ML): Very soft, extremely low blow count	
7				SB2-22-6.5		
8				SB2-22-8.0		
9				SB2-22-9.5		
10				SB2-22-11.0	Difficult sample driving, pulled up and checked cuttings-Rx fragments, unknown subsurface obstruction, pulled out & remob 5' south	
11				SB2-22-12.5		
12				SB2-22-14.0		
13				SB2-22-15.5		
14				SB2-22-17.0	Boring SB2-22B begins here	
15				SB2-22-18.5	Silty SAND (SM): Silt slightly consolidated but easily broken	
16				SB2-22-20.0	loose	
17				SB2-22-21.5	Rock in shoe	
18				SB2-22-23.0		
19				SB2-22-24.5	Poorly graded fine and coarse grained sand	
20				SB2-22-26.0	Gravelly SAND (SW): Very dense, gravelly	
21				SB2-22-27.5	well graded sand	
22				SB2-22-29.0	sand predominately coarse grained, black/brown	
23				SB2-22-30.5		
24				SB2-22-32.0		
25						
26						
27						
28						
29						
30						
31						
32						
33						

COMPLETION DEPTH: 44.5 Ft.

DEPTH TO WATER

First Encountered (☒): 44.0 ft.

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

**LOG OF SOIL BORING SB2-22 And SB2-22B
 Kerr-McGee Chemical LLC
 Henderson, Nevada Facility**

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: South berm of former P-3 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35					SB2-22-35.0	SAND (SW): Very well graded, very dense, non-consolidated, black/brown	
36					SB2-22-36.5		
37					SB2-22-36.5	Silty SAND (SM): Dry, very poorly graded, very fine grained sand, firm	
38					SB2-22-38.0		
39					SB2-22-38.0	SILT (ML): zones of partial consolidation and zones of clay	
40					SB2-22-39.5	caliche stringers	
41					SB2-22-41.0	trace clay, moist	
42					SB2-22-41.0		
43					SB2-22-42.5		
44					SB2-22-44.0		
45							
46							
47						Boring terminated at the capillary fringe - 44.5 ft.	
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							

COMPLETION DEPTH: 44.5 ft.

DEPTH TO WATER

First Encountered (☒): 44.0 ft.

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-22 and SB2-22B
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: West side of Pond P-2 (between Ponds P-2 and P-3) SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						Hand Augered to 5', No samples collected	
2							
3							
4							
5							
6						Gravelly SAND (SW): Moderately well graded sand	
7					SB2-23-6.5		
8					SB2-23-8.0		
9					SB2-23-9.5		
10							
11					SB2-23-11.0	Silty SAND (SM): Trace fine grained gravel, moderately graded sand fine to medium grained gravel	
12							
13					SB2-23-12.5		
14					SB2-23-14.0		
15							
16					SB2-23-15.5	Gravelly silty SAND (SM): Very poorly graded, fine grained sand, fine grained gravel	
17					SB2-23-17.0		
18						Silty SAND to sandy SILT (SM-ML): Very poorly graded, fine grained sand	
19					SB2-23-18.5		
20					SB2-23-20.0	Gravelly silty SAND (SM): Moderately graded, fine to medium grained gravel, poorly graded fine grained sand	
21						increasing medium grained gravel	
22					SB2-23-21.5		
23					SB2-23-23.0		
24						Silty or sandy GRAVEL (GM): Very well graded gravel, very fine grained sand	
25					SB2-23-24.5		
26					SB2-23-26.0		
27						SAND (SW): Very well graded, predominately coarse grained, black/brown	
28					SB2-23-27.5		
29						Gravelly SILT (ML): Trace very fine grained sand	
30					SB2-23-29.0		
31					SB2-23-30.5	Sandy SILT (ML): Grading to silt, partially consolidated, very firm	
32					SB2-23-32.0		
33						SILT (ML): Partially consolidated, very firm, dry	

COMPLETION DEPTH: 42.5 ft.

DEPTH TO WATER

First Encountered (☒): 42.5 ft.

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-23
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: West side of Pond P-2 (between Ponds P-2 and P-3) SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35					SB2-23-35.0	SILT (ML): Trace medium grained gravel	
36							
37					SB2-23-36.5	Gravely clayey SILT (GM): Damp, angular medium grained gravel	
38					SB2-23-38.0	Clayey Silt (ML): Very slight plasticity, no gravel, moist	
39							
40					SB2-23-39.5		
41					SB2-23-41.0		
42						non plastic, moist to wet	
43						Boring terminated at the capillary fringe - 42.5 ft.	
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
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56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							

COMPLETION DEPTH: 42.5 ft.

DEPTH TO WATER

First Encountered (▽): 42.5 ft.

At End of Drilling (▽): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-23
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: South of P-2 pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
1						Hand Augured to 5', No samples collected	
2							
3							
4							
5							
6					SB2-24-6.5	Gravelly SAND (SW): Moderately graded very fine to medium grained sand, fine to medium grained gravel	
7					SB2-24-8.0		
8					SB2-24-9.5	Silty SAND (SM): Poorly graded, very fine grained sand	
9					SB2-24-11.0	Gravelly silty SAND (SM): Fine grained gravel	
10					SB2-24-12.5		
11					SB2-24-14.0	gravel-fine to medium grained	
12					SB2-24-15.5		
13					SB2-24-17.0	Gravelly SAND (SP): Very poorly graded, very fine grained sand	
14					SB2-24-18.5		
15					SB2-24-20.0	as above with silt	
16					SB2-24-21.5	Sandy GRAVEL (GP): Fine to medium grained angular gravel	
17					SB2-24-23.0		
18					SB2-24-24.5	trace silt	
19					SB2-24-26.0	Gravelly SAND (SW): Very well graded sand, trace silt, black/brown	
20					SB2-24-27.5		
21					SB2-24-29.0	Silty SAND (SM): Very poorly graded fine grained sand	
22					SB2-24-30.5		
23					SB2-24-32.0	Sandy SILT (ML): Poorly graded very fine grained sand	
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							

COMPLETION DEPTH: 42.5 ft.

DEPTH TO WATER

First Encountered (☒): 42.5 ft.

At End of Drilling (☒): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-24
Kerr-McGee Chemical LLC
Henderson, Nevada Facility

ELEVATION, ft	DEPTH, ft	MATERIAL SYMBOL	SAMPLES	BLOWS/FT	SAMPLE NO.	LOCATION: South of P-2 Pond SURFACE EL: Not Surveyed MATERIAL DESCRIPTIONS	PID READING (PPMV)
35					SB2-24-35.0	Gravelly SILT (ML):	
36					SB2-24-36.5		
37						Sandy SILT (ML): Layered caliche, very poorly graded, very fine sand, wet	
38					SB2-24-38.0		
39						SILT (ML): Trace clay, holds water	
40					SB2-24-39.5		
41					SB2-24-41.0		
42							
43						Boring terminated at the capillary fringe - 42.5 ft.	
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63							
64							
65							
66							
67							

COMPLETION DEPTH: 42.5 ft.

DEPTH TO WATER

First Encountered (☹): 42.5 ft.

At End of Drilling (☹): None

BACKFILLED WITH: Bentonite Chips

DRILLING DATE: April 1, 1999

DRILLING METHOD: Hollow Stem

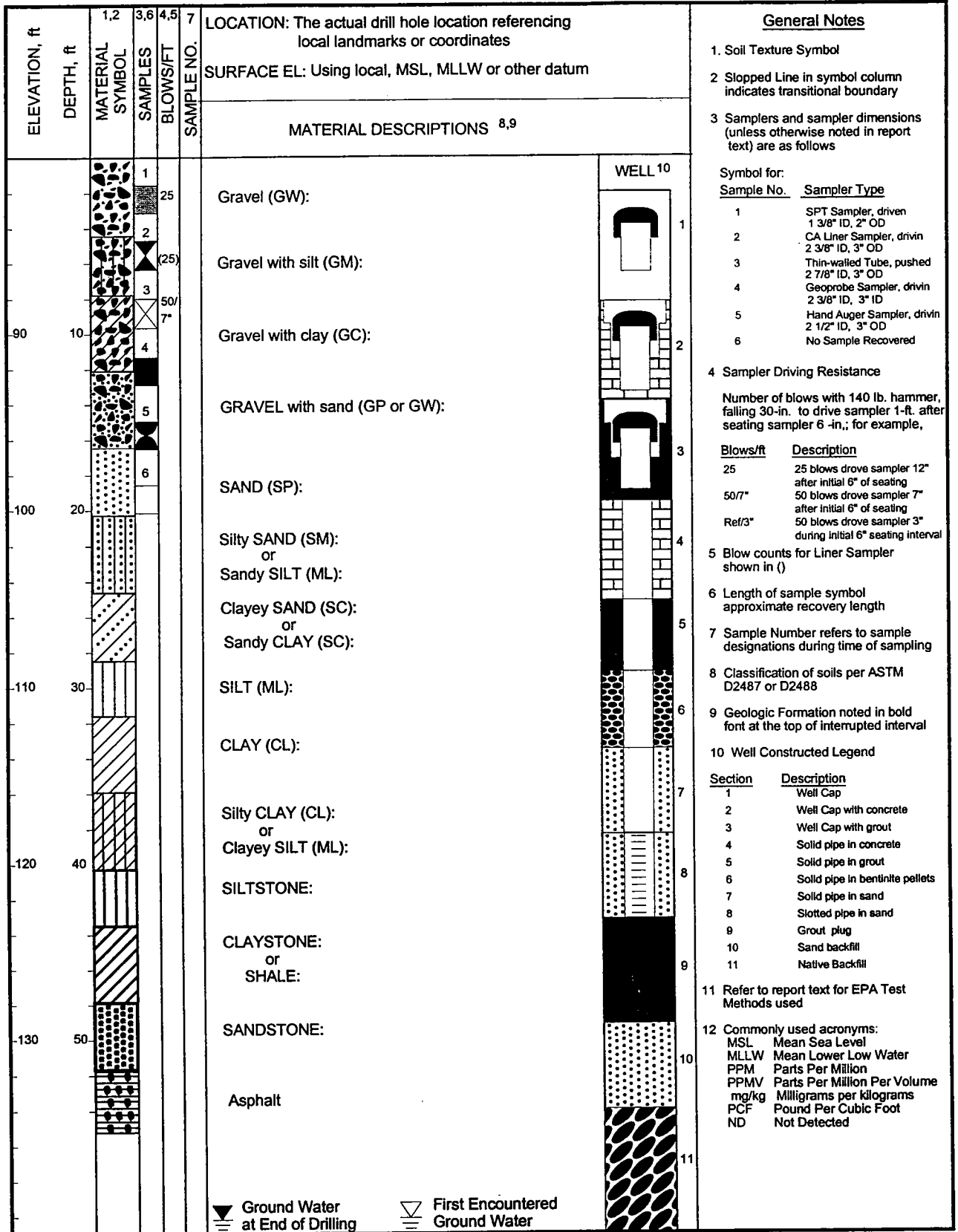
DRILLED BY: Gregg Drilling

LOGGED BY: DJ. Poehls

CHECKED BY: D. Gerry

The log and data presented are a simplification of actual condition encountered at the time of probing at the probed locations. Subsurface conditions may differ at other locations and with the passage of time.

LOG OF SOIL BORING SB2-24
Kerr-McGee Chemical LLC
Henderson, Nevada Facility



KEY TO TERMS AND SYMBOLS USED ON LOGS

**Kerr-McGee Chemical LLC
Henderson, Nevada Facility**

APPENDIX B

Laboratory Data – Validation and Review

APPENDIX B

Laboratory Data – Validation and Review

Introduction and Findings

This section includes a summary of efforts to evaluate and validate laboratory data generated by NEL Laboratories of Las Vegas, Nevada for the site characterization of the KMCLLC site in Henderson, Nevada. It appears that NEL Laboratories implemented proper quality assurance/quality control (QA/QC) procedures in their analyses of the samples collected for this project. Although the sample temperatures were recorded as being greater than 4 degrees Celsius when received by the laboratory and pH samples were not analyzed within 24 hours from sample collection, it is ENSR's opinion that, although some of the data are qualified, the analytical data prepared by NEL Laboratories are nonetheless reliable for use in the Phase II ECA for which they were collected.

Procedural Summary

Validation work activities were based on general guidelines presented in documents prepared by the EPA, Hazardous Site Evaluation Division. Analytical results reported for samples received between March 29 and April 1, 1999 were provided to ENSR as 15 report packages. Several features of the laboratory reports were checked. Analytical methods provided in each package were evaluated according to pertinent guidelines for the following features.

- Actual holding times were checked against holding time requirements.
- Sample preservation methods and temperature upon delivery to the laboratory were reviewed to confirm that they were in compliance with generally accepted standards.
- Method blanks were evaluated to determine if contamination was detected or reported.
- Laboratory control samples, duplicate control sample spikes, and interference check samples, where appropriate, were checked to confirm that instrument performance complied with generally accepted performance standards.
- Field duplicates were examined to determine the magnitude of sample heterogeneity.

Validation Findings

This section includes a summary of data validation findings for each day of submittal of samples to the laboratory.

March 29, 1999 Laboratory Submittals

On March 29, 1999, soil samples were collected from the former diesel storage tank area. These samples were analyzed for TPH, modified for diesel, via EPA Method 8015 M, BTEX via EPA Method 8020, and PAHs via EPA Method 8270. The data are presented in NEL Report Package No. L9903304.

All samples were analyzed within the method-specific holding times.

According to the chain of custody, appropriate preservation methods appear to have been implemented by the field personnel. The temperature of the cooler was 9 degrees Celsius, exceeding the recommended 4 degrees Celsius, upon laboratory receipt. Therefore, all results in this sample group should be qualified.

The concentration of the requested analytes in the method blanks and the one trip blank were below reporting detection limits.

The surrogate samples, surrogate duplicate samples, and laboratory control samples were reported by the laboratory to be within accepted ranges.

March 30, 1999 Laboratory Submittals

On March 30, 1999, soil and water samples were collected from former diesel storage tank area and Old P-2 and Old P-3 Pond area. These samples were analyzed either for TPH, modified for diesel, via EPA Method 8015 M, BTEX via EPA Method 8020, and PAHs via EPA Method 8270 or for total chromium via EPA Method 6010/7000 and pH via EPA Method 9045B. The data are presented in NEL Report Package Nos. L9903328, L9903329, L9903330, and L9903331. It should be noted that NEL Report Package No. L990328 represents samples that were collected on March 29, 1999, but were submitted to the laboratory with the samples collected on March 30, 1999.

All samples were analyzed within the method-specific holding times with the following exception: the pH analyses were performed more than one day after the samples were received. Therefore, pH results should be qualified.

According to the chain of custody, appropriate preservation methods appear to have been implemented by the field personnel. The temperature of the cooler was 10 degrees Celsius, above the recommended 4 degrees Celsius, upon laboratory receipt. Therefore, all TPH, BTEX, PAH, and pH results in this sample group should be qualified.

The concentration of the requested analytes in the method blanks and the one trip blank were below reporting detection limits.

Relative percent difference (RPD) between the samples and the sample duplicates, when applicable, was within 20 percent, with the following exception:

- Chromium, 25.2 percent (reference sample No. SB2-14-1.5)

The surrogate spike recovery for TPH diesel exceeded the acceptance limit for sample SB5-7-40. The laboratory qualified this sample. The matrix spike and/or matrix spike duplicate for chromium in samples SB2-15-1.5 and SB-16-28.5 were reported by the laboratory to be outside acceptance limits; therefore these results should be qualified.

The remaining surrogate samples, surrogate duplicate samples, surrogates, and laboratory control samples were reported by the laboratory to be within accepted ranges.

March 31, 1999 Laboratory Submittals

On March 31, 1999, soil samples were collected from Old P-2 and Old P-3 Pond area. These samples were analyzed either for total chromium via EPA Method 6010/7000 and pH via EPA Method 9045B. The data are presented in NEL Report Package Nos. L9903337, L9903338, L9903339, and L9903340. It should be noted that NEL Report Package No. L9903338 represents samples that were collected on March 30, 1999, but were submitted to the laboratory with the samples collected on March 31, 1999.

All samples were analyzed within the method-specific holding times with the following exception: the pH analyses were performed more than one day after the samples were received. Therefore, pH results should be qualified.

According to the chain of custody, appropriate preservation methods appear to have been implemented by the field personnel. The temperature of the cooler was 10 degrees Celsius, above the recommended 4 degrees Celsius, upon laboratory receipt. Therefore, all pH results in this sample group should be qualified.

The concentration of the requested analytes in the method blanks were below reporting detection limits.

RPD between the sample and the sample duplicate, when applicable, was within 20 percent.

The surrogate samples, surrogate duplicate samples, and laboratory control samples were reported by the laboratory to be within accepted ranges.

April 1, 1999 Laboratory Submittals

On April 1, 1999, soil samples were collected from Old P-2 and Old P-3 Pond area. These samples were analyzed either for total chromium via EPA Method 6010/7000 and pH via EPA

Method 9045B. The data are presented in NEL Report Package Nos. L9904015, L9904016, L9904017, L9904018, L9904019, and L9904020. It should be noted that NEL Report Package No. L9904015 represents samples that were collected on March 31, 1999, but were submitted to the laboratory with the samples collected on April 1, 1999.

All samples were analyzed within the method-specific holding times with the following exception: the pH analyses were performed more than one day after the samples were received. Therefore, pH results should be qualified.

According to the chain of custody, appropriate preservation methods appear to have been implemented by the field personnel. The temperature of the cooler was 12 degrees Celsius, above the recommended 4 degrees Celsius, upon laboratory receipt. Therefore, all pH results in this sample group should be qualified.

The concentration of the requested analytes in the method blanks and the one equipment rinsate sample were below reporting detection limits.

RPD between the samples and the sample duplicates, when applicable, was within 20 percent, with the following exception:

- Chromium, 22.2 percent (reference sample No. SB2-24-20)

The remaining surrogate samples, surrogate duplicate samples, and laboratory control samples were reported by the laboratory to be within accepted ranges.

APPENDIX C

NEL Analytical Laboratory Data

NEL LABORATORIES

Reno • Las Vegas
Phoenix • So. California

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

NEL ORDER ID: L9903304

Attached are the analytical results for samples in support of the above referenced project.

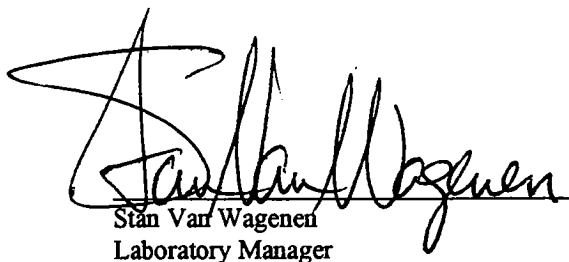
Samples were received by NEL in good condition, under chain of custody on 3/29/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Some QA results have been flagged as follows:

Ji - Estimated concentration due to probable matrix interference. The internal standard was outside acceptance criteria.



Stan Van Wagenen
Laboratory Manager

4/7/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada L.A.C.S.D.	NV033	NV052	CA084 10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 5
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-01

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 10
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-02

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 15
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-03

TEST: BTEX, Gas & MTBE by 8020
 MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 20
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-04

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 25
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-05

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	98	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 30
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-06

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 35
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-07

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	98	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 40
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-08

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 5
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-09

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromo fluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 10
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-10

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 15
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-11

TEST: BTEX, Gas & MTBE by 8020
 MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	105	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 20
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-12

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 25
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-13

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 30
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-14

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SBS - 5 - 35**
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-15

TEST: **BTEX, Gas & MTBE by 8020**
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 40
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-16

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	108	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 5
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-17

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	105	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 5D
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-18

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	105	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 10
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-19

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	108	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 15
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-20

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	88	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 20
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-21

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 25
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-22

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 mg/Kg
Toluene	ND	5.0 mg/Kg
Ethylbenzene	ND	5.0 mg/Kg
Total Xylenes	ND	15 mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	95	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Trip Blank
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-23

TEST: BTEX by EPA 8020 & Purgeable TPH by Mod8015-GRO

MATRIX: Aqueous
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/2/99
ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	5.0 ug/L
Toluene	ND	5.0 ug/L
Ethylbenzene	ND	5.0 ug/L
Total Xylenes	ND	15 ug/L

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	92	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 5
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-01

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	53	30 - 115
Nitrobenzene-d5	59	23 - 120
p-Terphenyl-d14	73	18 - 137

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 10
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-02

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	52	30 - 115
Nitrobenzene-d5	61	23 - 120
p-Terphenyl-d14	58	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **SB5 - 4 - 15**
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-03

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	87	30 - 115
Nitrobenzene-d5	99	23 - 120
p-Terphenyl-d14	97	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 20
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-04

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: KLN - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u> surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2,2'-Fluorobiphenyl	61	30 - 115
Nitrobenzene-d5	63	23 - 120
p-Terphenyl-d14	79	18 - 137

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 25
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-05

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	66	30 - 115
Nitrobenzene-d5	69	23 - 120
p-Terphenyl-d14	74	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 SUBJECT ID: Henderson, NV/4020-004-260
 SUBJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 30
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-06

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u> surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	54	30 - 115
Nitrobenzene-d5	55	23 - 120
p-Terphenyl-d14	44	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 35
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-07

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	59	30 - 115
Nitrobenzene-d5	61	23 - 120
p-Terphenyl-d14	62	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 4 - 40
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-08

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Trrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Fluorobiphenyl	52	30 - 115
Nitrobenzene-d5	52	23 - 120
p-Terphenyl-d14	54	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 5
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-09

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	58	30 - 115
Nitrobenzene-d5	62	23 - 120
p-Terphenyl-d14	63	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 10
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-10

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	64	30 - 115
Nitrobenzene-d5	67	23 - 120
p-Terphenyl-d14	52	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 15
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-11

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	61	30 - 115
Nitrobenzene-d5	68	23 - 120
p-Terphenyl-d14	62	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 20
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-12

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Fluorobiphenyl	72	30 - 115
Nitrobenzene-d5	81	23 - 120
p-Terphenyl-d14	77	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 25
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-13

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	70	30 - 115
Nitrobenzene-d5	72	23 - 120
p-Terphenyl-d14	70	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 SUBJECT ID: Henderson, NV/4020-004-260
 SUBJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 30
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-14

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-fluorobiphenyl	57	30 - 115
Nitrobenzene-d5	58	23 - 120
p-Terphenyl-d14	62	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 35
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-15

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	50	30 - 115
Nitrobenzene-d5	54	23 - 120
p-Terphenyl-d14	55	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 5 - 40
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-16

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: KLN - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	63	30 - 115
Nitrobenzene-d5	71	23 - 120
p-Terphenyl-d14	60	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 5
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-17

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	39	30 - 115
Nitrobenzene-d5	38	23 - 120
p-Terphenyl-d14	34	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 5D
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-18

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Fluorobiphenyl	60	30 - 115
Nitrobenzene-d5	62	23 - 120
p-Terphenyl-d14	58	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **SB5 - 6 - 10**
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-19

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	65	30 - 115
Nitrobenzene-d5	73	23 - 120
p-Terphenyl-d14	67	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 15
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903304-20

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: KLN - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
m-Fluorobiphenyl	68	30 - 115
Nitrobenzene-d5	72	23 - 120
p-Terphenyl-d14	64	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 20
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-21

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	54	30 - 115
Nitrobenzene-d5	58	23 - 120
p-Terphenyl-d14	66	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 25
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903304-22

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	66	30 - 115
Nitrobenzene-d5	71	23 - 120
p-Terphenyl-d14	68	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: Method Blank
 DATE SAMPLED: NA
 NEL SAMPLE ID: 033199-SV1-BLK

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid

ANALYST: SLE - Division
 EXTRACTED: 3/31/99
 ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	59	30 - 115
Nitrobenzene-d5	65	23 - 120
p-Terphenyl-d14	65	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: 033199-TVPH2-BLK

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid

ANALYST: LRA - So. Cal Division
EXTRACTED: 3/31/99
ANALYZED: 3/31/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	95	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: Method Blank
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040199-SV-BLK

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid

ANALYST: SLE - Division
 EXTRACTED: 3/31/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	42	30 - 115
Nitrobenzene-d5	47	23 - 120
p-Terphenyl-d14	44	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: Method Blank
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040199-TVPH1-BLK

TEST: BTEX, Gas & MTBE by 8020
 MATRIX: Solid

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	98	70 - 130

ND - Not Detected

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CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: Method Blank
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040199-TVPH2-BLK

TEST: BTEX, Gas & MTBE by 8020
 MATRIX: Solid

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	105	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040299-SV4-BLK

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid

ANALYST: KLN - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	60	30 - 115
Nitrobenzene-d5	68	23 - 120
p-Terphenyl-d14	61	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: Method Blank
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040299-TVPH2-BLK

TEST: BTEX by EPA 8020 & Purgeable TPH by Mod8015-GRO

MATRIX: Aqueous

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/2/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. ug/L
Toluene	ND	2. ug/L
Ethylbenzene	ND	2. ug/L
Total Xylenes	ND	2. ug/L

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	95	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT NAME: Henderson, NV
 PROJECT NUMBER: 4020-004-260

TEST: Total Extractable Petroleum Hydrocarbons by EPA Method 8015M, December 1996

METHOD: EPA 8015M

MATRIX: Solid

ANALYST: JMK

<u>CLIENT SAMPLE ID</u>	<u>SAMPLE DATE</u>	<u>NEL SAMPLE ID</u>	<u>RESULT mg/kg</u>	<u>C.R.</u>	<u>Reporting Limit</u>	<u>Surrogate Recovery*</u>	<u>EXTRACTED</u>	<u>ANALYZED</u>
SB5 - 4 - 5	3/29/99	L9903304-01	ND	ND	10. mg/kg	75 %	4/1/99	4/2/99
SB5 - 4 - 10	3/29/99	L9903304-02	ND	ND	10. mg/kg	68 %	4/1/99	4/2/99
SB5 - 4 - 15	3/29/99	L9903304-03	ND	ND	10. mg/kg	67 %	4/1/99	4/2/99

CR: Carbon Range

D Diesel Range Organics (C12 to C32).

Note: The reporting limit for Oil Range Organics in soil is 50 mg/kg.

QUALITY CONTROL DATA (Total for Gas and Diesel Range):

<u>Sample ID</u>	<u>Result</u>	<u>Acceptable Range</u>	<u>Surrogate Recovery*</u>	<u>Sample Number</u>
LCS, 990401TP - LCS	80 %	57 - 114 %	81 %	NA
MS, 990401TP - MS	77 %	38 - 117 %	77 %	L9903303-10
MSD, 990401TP - MSD	67 %	38 - 117 %	64 %	L9903303-10

ND - Not Detected

* Surrogate used was Octacosane, acceptance limits 60-121% for aqueous samples, 54-130% for solid samples.

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT NAME: Henderson, NV
 PROJECT NUMBER: 4020-004-260

TEST: Total Extractable Petroleum Hydrocarbons by EPA Method 8015M, December 1996

METHOD: EPA 8015M

MATRIX: Solid

ANALYST: JMK

CLIENT SAMPLE ID	SAMPLE DATE	NEL SAMPLE ID	RESULT mg/kg	C.R.	Reporting Limit	Surrogate Recovery*	EXTRACTED	ANALYZED
SB5 - 4 - 20	3/29/99	L9903304-04	ND	ND	10. mg/kg	78 %	4/1/99	4/5/99
SB5 - 4 - 25	3/29/99	L9903304-05	ND	ND	10. mg/kg	92 %	4/1/99	4/5/99
SB5 - 4 - 30	3/29/99	L9903304-06	ND	ND	10. mg/kg	64 %	4/1/99	4/3/99
SB5 - 4 - 35	3/29/99	L9903304-07	ND	ND	10. mg/kg	71 %	4/1/99	4/6/99
SB5 - 4 - 40	3/29/99	L9903304-08	50	D	10. mg/kg	65 %	4/1/99	4/3/99
SB5 - 5 - 5	3/29/99	L9903304-09	ND	ND	10. mg/kg	64 %	4/1/99	4/5/99
SB5 - 5 - 10	3/29/99	L9903304-10	ND	ND	10. mg/kg	73 %	4/1/99	4/3/99
SB5 - 5 - 15	3/29/99	L9903304-11	25	D	10. mg/kg	98 %	4/1/99	4/6/99
SB5 - 5 - 20	3/29/99	L9903304-12	ND	ND	10. mg/kg	73 %	4/1/99	4/3/99
SB5 - 5 - 25	3/29/99	L9903304-13	ND	ND	10. mg/kg	87 %	4/1/99	4/6/99
SB5 - 5 - 30	3/29/99	L9903304-14	ND	ND	10. mg/kg	80 %	4/1/99	4/3/99
SB5 - 5 - 35	3/29/99	L9903304-15	ND	ND	10. mg/kg	84 %	4/1/99	4/6/99
SB5 - 5 - 40	3/29/99	L9903304-16	90	D	10. mg/kg	73 %	4/1/99	4/3/99

CR: Carbon Range

D Diesel Range Organics (C12 to C32).

Note: The reporting limit for Oil Range Organics in soil is 50 mg/kg.

QUALITY CONTROL DATA (Total for Gas and Diesel Range):

Sample ID	Result	Acceptable Range	Surrogate Recovery*	Sample Number
Blank, 990401TP -BLK	ND	< 10. mg/kg	87 %	NA
LCS, 990401TP - LCS	86 %	57 - 114 %	92 %	NA
MS, 990401TP - MS	86 %	38 - 117 %	83 %	L9903304-04
MSD, 990401TP - MSD	85 %	38 - 117 %	81 %	L9903304-04

ND - Not Detected

* Surrogate used was Octacosane, acceptance limits 60-121% for aqueous samples, 54-130% for solid samples.

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT NAME: Henderson, NV
 PROJECT NUMBER: 4020-004-260

TEST: Total Extractable Petroleum Hydrocarbons by EPA Method 8015M, December 1996
 METHOD: EPA 8015M
 MATRIX: Solid

ANALYST: JMK

CLIENT SAMPLE ID	SAMPLE DATE	NEL SAMPLE ID	RESULT mg/kg	C.R.	Reporting Limit	Surrogate Recovery*	EXTRACTED	ANALYZED
SB5 - 6 - 5	3/29/99	L9903304-17	38	D	10. mg/kg	81 %	4/1/99	4/5/99
SB5 - 6 - 5D	3/29/99	L9903304-18	ND	ND	10. mg/kg	60 %	4/1/99	4/3/99
SB5 - 6 - 10	3/29/99	L9903304-19	ND	ND	10. mg/kg	90 %	4/1/99	4/6/99
SB5 - 6 - 15	3/29/99	L9903304-20	ND	ND	10. mg/kg	71 %	4/1/99	4/3/99
SB5 - 6 - 20	3/29/99	L9903304-21	ND	ND	10. mg/kg	83 %	4/1/99	4/5/99
SB5 - 6 - 25	3/29/99	L9903304-22	ND	ND	10. mg/kg	64 %	4/1/99	4/6/99

CR: Carbon Range

D Diesel Range Organics (C12 to C32).

Note: The reporting limit for Oil Range Organics in soil is 50 mg/kg.

QUALITY CONTROL DATA (Total for Gas and Diesel Range):

Sample ID	Result	Acceptable Range	Surrogate Recovery*	Sample Number
Blank, 990401TP -BLK	ND	< 10. mg/kg	87 %	NA
LCS, 990401TP - LCS	86 %	57 - 114 %	92 %	NA
MS, 990401TP - MS	86 %	38 - 117 %	83 %	L9903304-04
MSD, 990401TP - MSD	85 %	38 - 117 %	81 %	L9903304-04

ND - Not Detected

* Surrogate used was Octacosane, acceptance limits 60-121% for aqueous samples, 54-130% for solid samples.

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L9903304

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ENSR

CHAIN OF CUSTODY RECORD

LABORATORY: **NEL - L.V** DATE: **29 March 99** ENSR JOB No: **4070-004-260**
 CLIENT: **KMCC** PROJECT: ~~4070-004-260~~ **HENDERSON, NV**
 PROJECT MANAGER: ~~DT Boehls~~ **Dave Gentry** SAMPLER: **DT Boehls**

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
(01)	SBS-4-5	3/29/99	1300	brass sieve	1	SOI	ice	ABC
(02)	SBS-4-10		1305		1			ABC
(03)	SBS-4-15		1310		1			ABC
(04)	SBS-4-20		1315		1			ABC
(05)	SBS-4-25		1320		1			ABC
(06)	SBS-4-30		1330		1			ABC
(07)	SBS-4-35		1335		1			ABC
(08)	SBS-4-40		1340		1			ABC
(09)	SBS-5-5		1410		1			ABC
(10)	SBS-5-10		1415		1			ABC
(11)	SBS-5-15		1420		1			ABC
(12)	SBS-5-20		1430		1			ABC
(13)	SBS-5-25		1435		1			ABC
(14)	SBS-5-30		1440		1			ABC
(15)	SBS-5-35		1445		1			ABC
(16)	SBS-5-40	↓	1450	↓	1	↓	↓	ABC

TEST REQUIRED

A	TPH-d 8015-d	D	G
B	BTEX 8020	E	H
C	PAH - 8270	F	I

RELINQUISHED BY: (Signature) <i>DT Boehls</i>	RECEIVED BY: (Signature) <i>Carla Smith</i>	DATE: 3/29/99	TIME: 1600
RELINQUISHED BY: (Signature) <i>Carla Smith</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3-29-99	TIME: 1630
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: **curier** TURNAROUND TIME: **NTA** SAMPLE DISPOSAL: Return to ENSR Proper disposal by Lab after 60 days

SPECIAL INSTRUCTIONS: **Possible free product @ SBS-5-40**

Custody Sealed? **Y** None Temp. **9°C**
 Condition when received **good** **B**

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

4/5

29903304

pg 2 of 2



CHAIN OF CUSTODY RECORD

LABORATORY: NEL-L.V				DATE:		ENSR JOB No: 4020-004-260			
CLIENT: KMCC				PROJECT: Henderson NV					
PROJECT MANAGER: Drive Gemy				SAMPLER: D. Poehls					
LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED	
(17)	SB5-6-5	3/29/99	1526	brass sieve	1	501	ice	ABC	
(18)	SB5-6-5D	↓	1520		1			ABC	
(19)	SB5-6-10		1525		1			ABC	
(20)	SB5-6-15		1530		1			ABG	
(21)	SB5-6-20		1535		1			ABC	
(22)	SB5-6-25		1545		1			ABC	
(23)	TRIP BLANK				VOA	13			B
TEST REQUIRED									
A	TPH-d	8015-D	D					G	
B	BTEX	8020	E					H	
C	PAH	8270	F					I	
RELINQUISHED BY: (Signature) D. Poehls				RECEIVED BY: (Signature) Candace Smith			DATE: 3/29/99	TIME: 1600	
RELINQUISHED BY: (Signature) Candace Smith				RECEIVED BY: (Signature) [Signature]			DATE: 3-29-99	TIME: 1630	
RELINQUISHED BY: (Signature)				RECEIVED BY: (Signature)			DATE:	TIME:	
METHOD OF SHIPMENT: carrier		TURNAROUND TIME: NTA		SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days					
SPECIAL INSTRUCTIONS									
Custody Seal Intact? Y N <input checked="" type="checkbox"/> None <input type="checkbox"/> Condition when received <input checked="" type="checkbox"/> 2.5% <input type="checkbox"/> 5% <input type="checkbox"/> 10% <input type="checkbox"/> 15% <input type="checkbox"/> 20% <input type="checkbox"/> 25% <input type="checkbox"/> 30% <input type="checkbox"/> 35% <input type="checkbox"/> 40% <input type="checkbox"/> 45% <input type="checkbox"/> 50% <input type="checkbox"/> 55% <input type="checkbox"/> 60% <input type="checkbox"/> 65% <input type="checkbox"/> 70% <input type="checkbox"/> 75% <input type="checkbox"/> 80% <input type="checkbox"/> 85% <input type="checkbox"/> 90% <input type="checkbox"/> 95% <input type="checkbox"/> 100%									

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

NEL ORDER ID: L9903328

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/30/99.

Samples were analyzed as received.

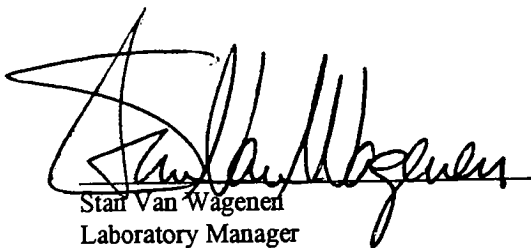
Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

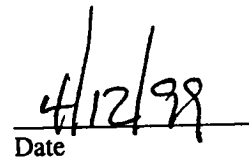
Some results have been flagged as follows:

Jf - This concentration should be considered an estimate due to surrogate failure.

Some surrogate results have been flagged as follows:

Jf - This concentration should be considered an estimate due to surrogate failure.


Stan Van Wagenen
Laboratory Manager


Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 30
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-01

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	88	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 35
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-02

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 40
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-03

TEST: BTEX, Gas & MTBE by 8020
 MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 5
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-04

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 10
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-05

TEST: BTEX, Gas & MTBE by 8020

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

MATRIX: Solid
DILUTION: 1

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **SB5 - 7 - 10D**
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-06

TEST: **BTEX, Gas & MTBE by 8020**

MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	103	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 15
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-07

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	95	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 20
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-08

TEST: BTEX, Gas & MTBE by 8020
 MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	93	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 25
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-09

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	85	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 30
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-10

TEST: BTEX, Gas & MTBE by 8020

MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 35
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-11

TEST: BTEX, Gas & MTBE by 8020
MATRIX: Solid
DILUTION: 1

ANALYST: LRA - So. Cal Division
EXTRACTED: 4/1/99
ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	83	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **SB5 - 7 - 40**
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-12

TEST: **BTEX, Gas & MTBE by 8020**
 MATRIX: Solid
 DILUTION: 1

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	100	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: TRIP BLANK
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-13

TEST: BTEX by EPA 8020 & Purgeable TPH by Mod8015-GRO

MATRIX: Aqueous
DILUTION: 1

ANALYST: - Division
EXTRACTED: 4/2/99
ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
MTBE	ND	5. µg/L
Benzene	ND	2. µg/L
Toluene	ND	2. µg/L
Ethylbenzene	ND	2. µg/L
Total Xylenes	ND	2. µg/L
TPH Gasoline	ND	2. µg/L

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	91	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 30
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-01

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	67	30 - 115
Nitrobenzene-d5	57	23 - 120
p-Terphenyl-d14	114	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 35
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-02

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: JDG - Reno Division
EXTRACTED: 4/5/99
ANALYZED: 4/5/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u> surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	63	30 - 115
Nitrobenzene-d5	59	23 - 120
p-Terphenyl-d14	84	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 6 - 40
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-03

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	65	30 - 115
Nitrobenzene-d5	61	23 - 120
p-Terphenyl-d14	99	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 5
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-04

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: JDG - Reno Division
EXTRACTED: 4/5/99
ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u> surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Fluorobiphenyl	63	30 - 115
Nitrobenzene-d5	60	23 - 120
p-Terphenyl-d14	103	18 - 137

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 10
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-05

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	67	30 - 115
Nitrobenzene-d5	65	23 - 120
p-Terphenyl-d14	96	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 10D
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-06

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: JDG - Reno Division
EXTRACTED: 4/5/99
ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Prorogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Fluorobiphenyl	64	30 - 115
Nitrobenzene-d5	61	23 - 120
p-Terphenyl-d14	100	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 15
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-07

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	59	30 - 115
Nitrobenzene-d5	62	23 - 120
p-Terphenyl-d14	93	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 20
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-08

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
o-Fluorobiphenyl	62	30 - 115
Nitrobenzene-d5	62	23 - 120
p-Terphenyl-d14	94	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 25
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-09

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	62	30 - 115
Nitrobenzene-d5	60	23 - 120
p-Terphenyl-d14	98	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 30
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-10

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-fluorobiphenyl	65	30 - 115
Nitrobenzene-d5	64	23 - 120
p-Terphenyl-d14	92	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 35
 DATE SAMPLED: 3/29/99
 NEL SAMPLE ID: L9903328-11

TEST: **Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996**

MATRIX: Solid
 DILUTION: 1

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	66	30 - 115
Nitrobenzene-d5	63	23 - 120
p-Terphenyl-d14	91	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB5 - 7 - 40
DATE SAMPLED: 3/29/99
NEL SAMPLE ID: L9903328-12

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid
DILUTION: 1

ANALYST: JDG - Reno Division
EXTRACTED: 4/5/99
ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2-Fluorobiphenyl	65	30 - 115
Nitrobenzene-d5	59	23 - 120
p-Terphenyl-d14	86	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040199-TVPH2-BLK

TEST: **BTEX, Gas & MTBE by 8020**
 MATRIX: Solid

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/1/99
 ANALYZED: 4/1/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. mg/Kg
Toluene	ND	2. mg/Kg
Ethylbenzene	ND	2. mg/Kg
Total Xylenes	ND	2. mg/Kg

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	105	70 - 130

ND - Not Detected

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CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040299-TVPH2-BLK

TEST: **BTEX by EPA 8020 & Purgeable TPH by Mod8015-GRO**
 MATRIX: Aqueous

ANALYST: LRA - So. Cal Division
 EXTRACTED: 4/2/99
 ANALYZED: 4/2/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Benzene	ND	2. ug/L
Toluene	ND	2. ug/L
Ethylbenzene	ND	2. ug/L
Total Xylenes	ND	2. ug/L
MTBE	ND	5. ug/L
TPH Gasoline	ND	2. ug/L

QUALITY CONTROL DATA:

<u>Surrogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
Bromofluorobenzene	95	70 - 130

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: Method Blank
 DATE SAMPLED: NA
 NEL SAMPLE ID: 040599-E1-PAH1-BLK

TEST: Polyaromatic Hydrocarbons (PAH's) by EPA 8270C, Dec. 1996

MATRIX: Solid

ANALYST: JDG - Reno Division
 EXTRACTED: 4/5/99
 ANALYZED: 4/6/99

<u>PARAMETER</u>	<u>Result</u>	<u>Reporting Limit</u>
Acenaphthene	ND	500. µg/Kg
Acenaphthylene	ND	500. µg/Kg
Anthracene	ND	500. µg/Kg
Benzo (a) anthracene	ND	500. µg/Kg
Benzo (b&k) fluoranthene	ND	500. µg/Kg
Benzo (g,h,i) perylene	ND	500. µg/Kg
Benzo (a) pyrene	ND	500. µg/Kg
Chrysene	ND	500. µg/Kg
Dibenzo (a,h) anthracene	ND	500. µg/Kg
Fluoranthene	ND	500. µg/Kg
Fluorene	ND	500. µg/Kg
Indeno (1,2,3-c,d) pyrene	ND	500. µg/Kg
Naphthalene	ND	500. µg/Kg
Phenanthrene	ND	500. µg/Kg
Pyrene	ND	500. µg/Kg

QUALITY CONTROL DATA:

<u>rogate</u>	<u>% Recovery</u>	<u>Acceptable Range</u>
2,2'-difluorobiphenyl	66	30 - 115
Nitrobenzene-d5	59	23 - 120
p-Terphenyl-d14	104	18 - 137

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT NAME: Henderson, NV
 PROJECT NUMBER: 4020-004-260

TEST: Total Extractable Petroleum Hydrocarbons by EPA Method 8015M, December 1996

METHOD: EPA 8015M

MATRIX: Solid

ANALYST: JMK

<u>CLIENT SAMPLE ID</u>	<u>SAMPLE DATE</u>	<u>NEL SAMPLE ID</u>	<u>RESULT mg/kg</u>	<u>C.R.</u>	<u>Reporting Limit</u>	<u>Surrogate Recovery*</u>	<u>EXTRACTED</u>	<u>ANALYZED</u>
SB5 - 6 - 30	3/29/99	L9903328-01	ND	ND	10. mg/kg	67 %	4/8/99	4/8/99
SB5 - 6 - 35	3/29/99	L9903328-02	ND	ND	10. mg/kg	107 %	4/8/99	4/12/99
SB5 - 6 - 40	3/29/99	L9903328-03	ND	ND	10. mg/kg	68 %	4/8/99	4/8/99
SB5 - 7 - 5	3/29/99	L9903328-04	ND	ND	10. mg/kg	68 %	4/8/99	4/9/99
SB5 - 7 - 10	3/29/99	L9903328-05	ND	ND	10. mg/kg	82 %	4/8/99	4/8/99
SB5 - 7 - 10D	3/29/99	L9903328-06	ND	ND	10. mg/kg	67 %	4/8/99	4/9/99
SB5 - 7 - 15	3/29/99	L9903328-07	ND	ND	10. mg/kg	67 %	4/8/99	4/8/99
SB5 - 7 - 20	3/29/99	L9903328-08	ND	ND	10. mg/kg	72 %	4/8/99	4/9/99
SB5 - 7 - 25	3/29/99	L9903328-09	ND	ND	10. mg/kg	81 %	4/8/99	4/8/99
SB5 - 7 - 30	3/29/99	L9903328-10	ND	ND	10. mg/kg	82 %	4/8/99	4/11/99
SB5 - 7 - 35	3/29/99	L9903328-11	ND	ND	10. mg/kg	66 %	4/8/99	4/8/99
SB5 - 7 - 40	3/29/99	L9903328-12	ND Jf	ND	10. mg/kg	145 %	4/8/99	4/8/99

CR: Carbon Range

D Diesel Range Organics (C12 to C32).

Note: The reporting limit for Oil Range Organics in soil is 50 mg/kg.

QUALITY CONTROL DATA (Total for Gas and Diesel Range):

<u>Sample ID</u>	<u>Result</u>	<u>Acceptable Range</u>	<u>Surrogate Recovery*</u>	<u>Sample Number</u>
Blank, 990407TP -BLK	ND	< 10. mg/kg	87 %	NA
LCS, 990407TP - LCS	73 %	57 - 114 %	77 %	NA

ND - Not Detected

* Surrogate used was Octacosane, acceptance limits 60-121% for aqueous samples, 54-130% for solid samples.

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT NAME: Henderson, NV
 PROJECT NUMBER: 4020-004-260

TEST: Total Extractable Petroleum Hydrocarbons by EPA Method 8015M, December 1996

METHOD: EPA 8015M

MATRIX: Aqueous

ANALYST: JMK

<u>CLIENT SAMPLE ID</u>	<u>SAMPLE DATE</u>	<u>NEL SAMPLE ID</u>	<u>RESULT mg/L</u>	<u>C.R.</u>	<u>Reporting Limit</u>	<u>Surrogate Recovery*</u>	<u>EXTRACTED</u>	<u>ANALYZED</u>
SBS	3/29/99	L9903328-14	13	D	0.5 mg/L	87 %	4/7/99	4/8/99
MW - 21	3/30/99	L9903328-15	ND	ND	0.5 mg/L	84 %	4/7/99	4/8/99

CR: Carbon Range

D Diesel Range Organics (C12 to C32).

Note: The reporting limit for Oil Range Organics in soil is 50 mg/kg.

QUALITY CONTROL DATA (Total for Gas and Diesel Range):

<u>Sample ID</u>	<u>Result</u>	<u>Acceptable Range</u>	<u>Surrogate Recovery*</u>	<u>Sample Number</u>
Blank, 990407TP -BLK	ND	< 0.5 mg/L	62 %	NA
LCS, 990407TP - LCS	77 %	61 - 104 %	78 %	NA
LCSD 990407TP - LCSD	65 %	61 - 104 %	68 %	NA

ND - Not Detected

* Surrogate used was Octacosane, acceptance limits 60-121% for aqueous samples, 54-130% for solid samples.

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CHAIN OF CUSTODY RECORD

4/7

pg 1 of 6



LABORATORY: NEL-LV	DATE: 3/29/99	ENSR JOB No: 4020-004-260
CLIENT: KMCC	PROJECT: Henderson, NV	
PROJECT MANAGER: Dave Gerry	SAMPLER: D. Pochals	

L990
4/7

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
3328-01	SB5-6-30	3/29/99	1551	brass sleeve	1	soil	ice	ABC
-02	SB5-6-35		1604		1			ABC
-03	SB5-6-40		1610		1			ABC
-04	SB5-7-5		1650		1			ABC
-05	SB5-7-10		1655		1			ABC
-06	SB5-7-10D		1655		1			ABC
-07	SB5-7-15		1700		1			ABC
-08	SB5-7-20		1710		1			ABC
-09	SB5-7-25		1720		1			AB6
-10	SB5-7-30		1725		1			ABC
-11	SB5-7-35		1730	↓	1			ABC
-12	SB5-7-40		1735	brass sleeve	1	soil		ABC
-13	Trip Blank	✓	—	3 Vials	3	water		B
-14	SB5	3/29/99	1750	Amber glass	1	water		ABC ← not in sample
L990 3329-01	SBZ-14-1.5	3/30/99	0830	brass sleeve	1	soil		D, E
-02	SBZ-14-1.5D	3/30/99	0830	↓	1	↓	↓	D, E

L990
4/14

TEST REQUIRED		
A TPH-d 8015-D	D pH	G
B BTEX- 8020	E Total Chromium	H
C PAH 8270	F	I

not in sample
Received
1L Amb
for TPH
per Bru
g

RELINQUISHED BY: (Signature) <i>D. Pochals</i>	RECEIVED BY: (Signature) <i>David Smith</i>	DATE: 3/30/99	TIME: 1655
RELINQUISHED BY: (Signature) <i>David Smith</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 5/30/99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: covered	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
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SPECIAL INSTRUCTIONS: *Samples for pH + total Chrome analyzed from shallow to deep until two successive samples are less than 100mg/kg of total Chrome.
(per bring)

Custom Seal intact? Yes No

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with results



CHAIN OF CUSTODY RECORD

LABORATORY: NEL-LV	DATE: 3/30/99	ENSR JOB No: 4020-004-260
CLIENT: KMCC	PROJECT: Henderson, NV	
PROJECT MANAGER: Dave Gerry	SAMPLER: DJ Poehls	

L9903
L9903
4/14

LABORATORY	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
329-03	SB2-14-3	3/30/99	0835					
329-04	SB2-14-4.5		0840	brass sleeve	1	soil	ice	D, E
	-05 SB2-14-6		0850		1			*
	-06 SB2-14-7.5		0853		1			*
	-07 SB2-14-9		0856		1			*
	-08 SB2-14-10.5		0858		1			*
	-09 SB2-14-12		0900		1			*
	-10 SB2-14-13.5		0905		1			*
	-11 SB2-14-15		0910		1			*
	-12 SB2-14-16.5		0914		1			*
	-13 SB2-14-18		0917		1			*
	-14 SB2-14-19.5		0920		1			*
	-15 SB2-14-21		0923		1			*
	-16 SB2-14-22.5		0925		1			*
	-17 SB2-14-24		0930		1			*
	-18 SB2-14-25.5	093	0935		1			*
	-19 SB2-14-27	0940	0940		1			*

TEST REQUIRED		
A TPH-D 8015-D	D PH	G
B BTEX 8020	E Total Chromium	H
C PAH 8270	F	I

RELINQUISHED BY: (Signature) <i>DJ Poehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/30/99	TIME: 1655
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3-30-99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT COURIER	TURNAROUND TIME NTA	SAMPLE DISPOSAL <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
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SPECIAL INSTRUCTIONS: * Samples for pH & Chromium analyzed from shallow to deep until 2 successive samples are less than 100 mg/kg of Total Cr

Custody Seal: *[Signature]* *[Signature]*

CHAIN OF CUSTODY RECORD

pg 3 of 6



LABORATORY: NEL	DATE: 3/30/99	ENSR JOB No: 4020-004-260
CLIENT: KMCC KE	PROJECT: HENDERSON NV	
PROJECT-MANAGER: Dave Gerry	SAMPLER: DT Poehls	

LABORATORY	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
L99033209-20	SB2-14-28.5	3/30/99	0946					*
4/14	-21 SB2-14-30		0950	brass stone	1	soil	ice	*
	-22 SB2-14-31.5		0959		1			*
	-23 SB2-14-33		0959		1			*
L990333001	SB2-15-1.5		1025		1			D, E
4/14	-02 SB2-15-3		1027		1			D, E
	-03 SB2-15-4.5		1030		1			D, E
	-04 SB2-15-6		1034		1			*
	-05 SB2-15-7.5		1037		1			*
	-06 SB2-15-9		1040		1			*
	-07 SB2-15-10.5		1045		1			*
	-08 SB2-15-12		1048		1			*
	-09 SB2-15-13.5		1054		1			*
	-10 SB2-15-15		1053		1			*
	-11 SB2-15-16.5		1100		1			*
	-12 SB2-15-18		1120		1			*
-13 SB2-15-19.5		1127		1			*	

TEST REQUIRED			
A	TPH-d	8015-D	D pH
B	BTEX	8020	E Total Chrome
C	PAH	8270	F

RELINQUISHED BY: (Signature) <i>DT Poehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/30/99	TIME: 1655
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 5/30/99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT covered	TURNAROUND TIME NTA	SAMPLE DISPOSAL <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> proper disposal by Lab after 60 days
--------------------------------------	-------------------------------	---

SPECIAL INSTRUCTIONS *** Samples for pH & total Chrome, analyze from shallow to deep per boring until two successive samples are less than 100 mg/kg of total Cr**

Dist. Seal Int. Y **[Signature]** Date **DC**

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 4 of 6



LABORATORY: NEL		DATE: 3/30/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson NV		
PROJECT MANAGER: Dave Gemy		SAMPLER: DJ Poehls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
L9903330	-14SBZ-15-21	3/30/99	1120	brass sleeve	1	soil	ice	*
	-15SBZ-15-22.5		1136		1			*
	-16SBZ-15-24		1140		1			*
	-17SBZ-15-25.5		1147		1			*
	-18SBZ-15-27		1155		1			*
	-19SBZ-15-28.5		1200		1			*
	-20SBZ-15-30		1205		1			*
	-21SBZ-15-31.5		1210		1			*
	-22SBZ-15-33		1215	✓	1	✓	✓	*
L9903330	-15 MWZ1			Amber glass	1	water	ice	A
L9903331	-01SBZ-16-1.5		1420	brass sleeve	1	soil	ice	D, E
	-02SBZ-16-3		1435		1			D, E
	-03SBZ-16-3D		1435		1			D, E
	-04SBZ-16-4.5		1440		1			D, E
	-05SBZ-16-6		1442		1			*
	-06SBZ-16-7.5	✓	1445	✓	1	✓	✓	*

TEST REQUIRED		
A TP4-d 8015-D	D pH	G
B BTEX- 8020	E total Cr	H
C PAH- 8270	F	I

RELINQUISHED BY: (Signature) DJ Poehls	RECEIVED BY: (Signature) [Signature]	DATE: 3/30/99	TIME: 1655
RELINQUISHED BY: (Signature) [Signature]	RECEIVED BY: (Signature) [Signature]	DATE: 3/30/99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: COURIER	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
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SPECIAL INSTRUCTIONS: * Samples for pH & total Chrome analyze from shallow to deep per bcreg, until two successive samples are less than 100 mg/kg total Chrome

Custody Seal: [Signature] Condition when received: [Signature]

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

5 of 6



LABORATORY: NEL				DATE: 3/30/99	ENSR JOB No: 4020-004-260			
CLIENT: KMCC				PROJECT: Henderson NV				
PROJECT MANAGER: Dave Gery				SAMPLER: D J Doehls				
LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
L99033	31-D7 SB2-16-9	3/30/99	1447	brass sleeve	1	soil	ice	*
	- 08 SB2-16-10.5		1450		1			*
	- 09 SB2-16-12		1453		1			*
	- 10 SB2-16-13.5		1455		1			*
	- 11 SB2-16-15		1559		1			*
	- 12 SB2-16-15.4		1559		1			*
	- 13 SB2-16-16.5		1505		1			*
	- 14 SB2-16-18		1507		1			*
	- 15 SB2-16-19.5		1510		1			*
	- 16 SB2-16-21		1515		1			*
	- 17 SB2-16-22.5		1520		1			*
	- 18 SB2-16-24		1525		1			*
	- 19 SB2-16-25.5		1530		1			*
	- 20 SB2-16-27		1532		1			*
	- 21 SB2-16-28.5		1535		1			*
	- 22 SB2-16-30		1545		1			*
TEST REQUIRED								
A TPH-d 8015-D			D pH			G		
B BTEX 8020			E total Chrome			H		
C PAH 8270			F			I		
RELINQUISHED BY: (Signature) <i>D J Doehls</i>				RECEIVED BY: (Signature) <i>[Signature]</i>		DATE: 3/30/99	TIME: 1655	
RELINQUISHED BY: (Signature) <i>[Signature]</i>				RECEIVED BY: (Signature) <i>[Signature]</i>		DATE: 3/30/99	TIME: 1730	
RELINQUISHED BY: (Signature)				RECEIVED BY: (Signature)		DATE:	TIME:	
METHOD OF SHIPMENT currier		TURNAROUND TIME NTA		SAMPLE DISPOSAL <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days				
SPECIAL INSTRUCTIONS * Samples for pH & total Chrome analyze from shallow to deep per boring, until two successive samples are less than 100 mg/kg								
* Geotechnical sampling to sand out - phone Dave Gery if Questions 805 388 3775								

White - ENSR Copy Yellow - Laboratory Copy *Orange - Return to ENSR with Results*

Temp **10°C**

CHAIN OF CUSTODY RECORD

pg 6 of 6



LABORATORY: NEL		DATE: 3/30/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson, NV		
PROJECT MANAGER: Dave Gemy		SAMPLER: DJ Boehls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
L9903331	23SB2-16-31.5	3/30/99	1549					*
	-24SB2-16-33		1553					*
	-25SB2-16-34.5		1555					*
	-26 TEP STEAK	---	---	3 vials	3	water	ice	B

TEST REQUIRED			
A	TPH-D	8015-d	D pH
B	BTEX	8020	E total Chrome
C	PAH	8270	F

RELINQUISHED BY: (Signature) <i>DJ Boehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/30/99	TIME: 1655
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature)	DATE: 3-30-99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: carried	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
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SPECIAL INSTRUCTIONS: * Samples for pH and total Chrome analyzed from shallow to deep per boring, until two successive samples give less than 100 mg/kg

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

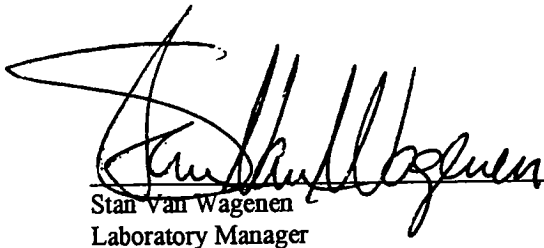
NEL ORDER ID: L9903329

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/30/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.



Stan Van Wagenen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	59	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 14 - 1.5D**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-02

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	76	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	45	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	36	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	54	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

- Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	51	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	40	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	42	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	82	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-10

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	57	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	92	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-12

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	75	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	140	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 14 - 19.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-14

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	46	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	110	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	100	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	320	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	250	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	540	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 14 - 28.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-20

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	280	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-21

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	160	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-22

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	99	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-23

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	46	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03316i-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03329i-20-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/1/99	4/2/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	10	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 1.5D
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	10	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	10	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	10	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.8	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 19.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 14 - 24**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-17

TEST: **Inorganic Non-Metals**
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 28.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 14 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903329-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

NEL ORDER ID: L9903330

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/30/99.

Samples were analyzed as received.

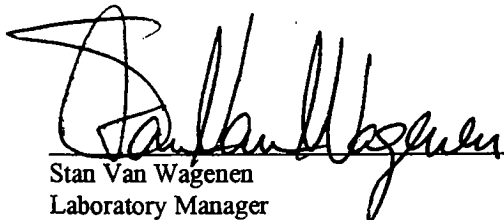
Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Some results have been flagged as follows:

JI - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.

Some QA results have been flagged as follows:

JI - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.


Stan Van Wagenen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084 10228
				L.A.C.S.D.			

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-01

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
	<u>mg/Kg</u>	<u>LIMIT</u>				
Chromium	98 JI	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

J - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-02

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	63	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-03

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	150	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-04

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	170	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-05

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	230	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-06

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	210	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-07

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	200	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-08

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	170	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-09

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	190	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-10

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	160	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-11

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-12

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	20	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 19.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-13

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	27	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-14

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	21	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-15

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	31	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-16

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	51	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-17

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	61	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 15 - 27**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-18

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	100	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 28.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-19

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	53	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-20

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-21

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	28	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-22

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
	<u>mg/Kg</u>	<u>LIMIT</u>				
Chromium	26	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03330-21-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03330-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/2/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.4	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.9	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 19.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 28.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 15 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903330-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

NEL ORDER ID: L9903331

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/30/99.

Samples were analyzed as received.

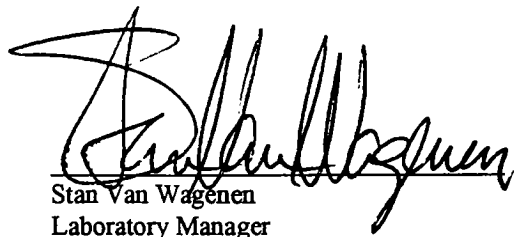
Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Some results have been flagged as follows:

J1 - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.

Some QA results have been flagged as follows:

J1 - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.



Stan Van Wageningen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084 10228
				L.A.C.S.D.			

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-01

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	22	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-02

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	19	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 3D
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-03

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	17	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-04

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-05

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 7.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-06

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	20	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-07

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	44	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 10.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-08

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-09

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-10

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	17	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-11

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-13

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-14

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

3. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 19.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-15

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-16

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 22.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-17

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-18

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

... - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-19

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-20

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 28.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-21

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
	<u>mg/Kg</u>	<u>LIMIT</u>				
Chromium	51 J1	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-22

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	20	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-23

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	21	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-24

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 34.5**
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903331-25

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	22	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03331-01-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
DATE SAMPLED: NA
NEL SAMPLE ID: L03331-21-Cr-BLK

TEST: **Metals**

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 1.5
 DATE SAMPLED: 3/30/99
 NEL SAMPLE ID: L9903331-01

TEST: Inorganic Non-Metals
 MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 3D
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.0	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.0	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 16 - 13.5**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-10

TEST: **Inorganic Non-Metals**
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 19.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 28.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903331-24

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 16 - 34.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903331-25

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/1/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/1/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

NEL ORDER ID: L9903338

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/31/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wageningen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-01

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	140	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-02

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	38	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-03

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	36	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-04

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	32	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-05

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	28	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

J.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-06

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	32	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-07

TEST: Metals
MATRIX: Solid

ANALYST: - Division

<u>PARAMETER</u>	<u>RESULT</u> mg/kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.01 mg/kg	1	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 17 - 12**
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-08

TEST: **Metals**
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	47	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-09

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	53	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-10

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	130	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-11

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	160	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-12

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	190	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 19.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-13

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	78	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-14

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	87	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-15

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	87	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-16

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	85	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-17

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	140	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIÉS

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-18

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	130	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 28.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-19

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	190	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-20

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	48	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-21

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	47	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-22

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	100	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03338-01-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
DATE SAMPLED: NA
NEL SAMPLE ID: L03338-21-Cr-BLK

TEST: **Metals**

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 1.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	10	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 3
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 4.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 6
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 7.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 9
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 10.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	ND	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	ND	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 12
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 13.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 15
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 16.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 18
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 19.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 21
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 22.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 24
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
		<u>LIMIT</u>	<u>D. F.</u>			
pH	9.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 25.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 27
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 28.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 30
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 31.5
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 17 - 33
DATE SAMPLED: 3/30/99
NEL SAMPLE ID: L9903338-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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~~L9903336~~
CHAIN OF CUSTODY RECORD

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LABORATORY: NEL	DATE: 31 Mar 99	ENSR JOB No: 4020-004-260
CLIENT: KMCC	PROJECT: Henderson, NV	
PROJECT MANAGER: Dave Gerny (805) 388 3775	SAMPLER: DJ Behls	

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
L9903337-01	SB2-18-2	3/31/99	1025	Jar	1	soil	none	D, E
02	SB2-18-5		1030	Jar	1			D, E
03	SB2-18-6.5		1035	brass sleeve	1			D, E
04	SB2-18-8		1040		1			*
05	SB2-18-9.5		1041		1			*
06	SB2-18-11		1044		1			*
07	SB2-18-12.5		1047		1			*
08	SB2-18-14		1048	↓	1			*
09	SB2-18-15.5		1050	Jar	1			*
10	SB2-18-17		1056	brass sleeve	1			*
11	SB2-18-18.5		1100		1			*
12	SB2-18-20		1103		1			*
13	SB2-18-21.5		1106		1			*
14	SB2-18-23		1108		1			*
15	SB2-18-24.5		1112		1			*
16	SB2-18-24	✓	1115	✓	1	✓	✓	*

4/15

10:00

TEST REQUIRED		G Custody Seal intact? Y N None		H Condition when received	
A TPH-D 8015-D	D pH				
B BTEX 8020	E Total Chromium				
C PAH 8260	F				

RELINQUISHED BY: (Signature) <i>DJ Behls</i>	RECEIVED BY: (Signature) <i>Conrad</i>	DATE: 3/31/99	TIME: 1700
RELINQUISHED BY: (Signature) <i>Conrad</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3-31-99	TIME: 1745
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: CARRIER	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS * Samples for pH + total Chrome analyze from shallow to deep per boring, until two successive samples are less than 100mg/kg of total Chrome.

Field phone Tom Reed - 405-760-0069

CHAIN OF CUSTODY RECORD

pg 2 of 5



LABORATORY: NEL				DATE:		ENSR JOB No: 4020-004-260			
CLIENT: KMCC				PROJECT: Henderson, NV					
PROJECT MANAGER: Dave Gery (805) 388 3775				SAMPLER: DJ Poehls					
LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED	
17	SB2-18-27.5	3/31/99	1123	disc stone	1	soil	new	*	
18	SB2-18-29		1127		1			*	
19	SB2-18-30.5		1130		1			*	
20	SB2-18-32		1134		1			*	
21	SB2-18-33.5		1136		1			*	
22	SB2-18-35		1139		1			*	
23	SB2-18-36.5		1140		1			*	
24	SB2-18-38		1146		1			*	
25	SB2-18-39.5		1150		1			*	
26	SB2-18-41		1155		1			*	
27	SB2-18-42.5	3/31/99	1159		1			*	
01	SB2-17-1.5	3/30/99	1620		1			D, E	
02	SB2-17-3	3/30/99	1622		1			D, E	
03	SB2-17-4.5		1625		1			D, E	
04	SB2-17-6		1627		1			*	
05	SB2-17-7.5		1630		1			*	

9903337
4/15

9903338
4/15

TEST REQUIRED			
A	TPH-d 8015 D	D	pH
B	BTEX 8020	E	total Chrome
C	PAH 8270	F	Condition when received
		G	Intact? Y N (None) Temp 19.5

RELINQUISHED BY: (Signature) <i>DJ Poehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/31/99	TIME: 1700
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/31/99	TIME: 1745
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: <u>courier</u>	TURNAROUND TIME: <u>NTA</u>	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS: * Samples for pH & total Chrome analyze from shallow to deep, per bearing, until two successive samples are less than 100 mg/kg of total chrome.

Field phone - Tom Reed 405-760-0069

CHAIN OF CUSTODY RECORD

pg 3 of 5



LABORATORY: NEL-1V	DATE: 31 Mar 99	ENSR JOB No: 4020-004-260
CLIENT: KMCC	PROJECT: Henderson, NV	
PROJECT MANAGER: Dave Gerry (805) 388 3775	SAMPLER: DJ Poehls	

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
06	SBZ-17-9	3/30/99	1633	brass sleeve	1	soil	none	X
07	SBZ-17-10.5		1635		1			X → miss sack
08	SBZ-17-12		1640		1			X
09	SBZ-17-13.5		1647		1			X
10	SBZ-17-15		1650		1			X
11	SBZ-17-16.5		1654		1			X
12	SBZ-17-18		1659		1			X
13	SBZ-17-19.5		1702		1			X
14	SBZ-17-21		1707		1			X
15	SBZ-17-22.5		1710		1			X
16	SBZ-17-24		1715		1			X
17	SBZ-17-25.5		1717		1			X
18	SBZ-17-27		1719		1			X
19	SBZ-17-28.5		1725		1			X
20	SBZ-17-30		1729		1			X
21	SBZ-17-31.5	✓	1731	✓	1	✓	✓	X

9903339
4/15

TEST REQUIRED		
A TPH-D 8005-d	D pH	G
B BTEX 8020	E Total Chrome	H <input checked="" type="checkbox"/> Custody Seal intact? Y N <input checked="" type="checkbox"/> None
C PAH 8270	F	I Condition when received

RELINQUISHED BY: (Signature) <i>DJ Poehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/31/99	TIME: 1700
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3-31-99	TIME: 1745
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: carrier	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS *** Samples for pH & Total Chrome analyze from shallow to deep, per borehole, until two successive samples are less than 100 mg/kg of Total Chrome**

Field phone **Tom Reed 405.760.0069**

CHAIN OF CUSTODY RECORD

pg 4 of 5



LABORATORY: NEL		DATE:		ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson, NV			
PROJECT MANAGER: Dave Gentry (805) 3883775		SAMPLER: DT Boehls			

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
19903338-2	SB2-17-33	3/30/99	1735	brass	1	soil	None	*
4/15	01 SB2-19-2	3/31/99	1345	Jar	1			D, E
	02 SB2-19-6.5		1350	brass	1			D, E
	03 SB2-19-8		1355		1			D, E
	04 SB2-19-9.5		1402	↓	1			*
	05 SB2-19-11		1405	Jar	1			*
	06 SB2-19-12.5		1407	brass straw	1			*
	07 SB2-19-14		1413		1			*
19903339-4	08 SB2-19-15.5		1416		1			*
4/15	09 SB2-19-17		1420		1			*
	10 SB2-19-18.5		1425		1			*
	11 SB2-19-20		1430		1			*
	12 SB2-19-21.5		1435		1			*
	13 SB2-19-23		1440		1			*
	14 SB2-19-24.5		1445		1			*
	15 SB2-19-26		1450		1			*

TEST REQUIRED			
A TPH-D 8015-D	D pH	G	
B BTEX 8020	E Total Chrome	Custody Seal Intact? Y N None	Temp. 10°C
C PAH 8070	F	Condition when received: (circled)	(circled)

RELINQUISHED BY: (Signature) <i>DT Boehls</i>	RECEIVED BY: (Signature) <i>Boehls</i>	DATE: 3/31/99	TIME: 1700
RELINQUISHED BY: (Signature) <i>Boehls</i>	RECEIVED BY: (Signature) <i>Boehls</i>	DATE: 3/31/99	TIME: 1745
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: air/rail	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
-------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS: * Samples for pH & total Chrome analyze from shallow to deep, per bearing, until two successive samples are less than 100 mg/kg total Chrome

Field phone Tom Reed 405-760-0069

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 5 of 5



LABORATORY: NEL		DATE: 3/31/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: HENDERSON NV		
PROJECT MANAGER:		SAMPLER: DJ Boehls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
	16 SBZ-19-27.5	3/31/99	1500	DETH	1	soil	NONE	X
	17 SBZ-19-29		1505		1			X
	18 SBZ-19-30.5		1508		1			X
	19 SBZ-19-32		1512		1			X
	20 SBZ-19-33.5		1515		1			X
	21 SBZ-19-35		1520		1			X
	22 SBZ-19-36.5		1525		1			X
	23 SBZ-19-38		1530		1			X
	24 SBZ-19-39.5		1535		1			X
	25 SBZ-19-41		1539		1			X
	26 SBZ-19-42.5		1539		1			X
	01 SBZ-20-6.5		1630		1			D, E
	02 SBZ-20-6.5D		1630		1			D, E
	03 SBZ-20-7		1635		1			D, E
	04 SBZ-20-9.5		1640	✓	1			D, E
	05 SBZ-20-11		1643	Jar	1			D, E
	06 SBZ-20-11D		1643	Jar	1			D, E

A	D	G
B	E	H
C	F	I

pH
total Chrome

RELINQUISHED BY: (Signature) <i>DJ Boehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/31/99	TIME: 1700
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 3/31/99	TIME: 1748
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: Courier	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS

Custody Seal intact? **Y** **N** **Time: 10:00**
 Condition was: **Good**

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

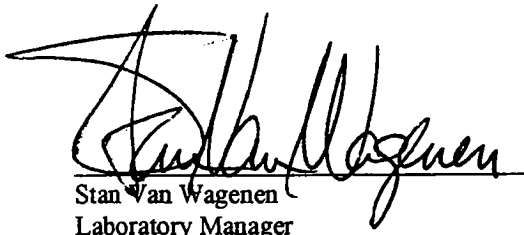
NEL ORDER ID: L9903337

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/31/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wageningen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 2
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 6.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 8
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	19	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 9.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.2	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 11
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 12.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	19	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 14
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 15.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 17
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-10

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 18.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

- Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 20
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-12

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	21	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 21.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 23
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 24.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 26
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	7.9	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 27.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 29
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 30.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.9	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 32
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-20

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.8	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 33.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-21

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	9.2	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 35
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-22

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 36.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-23

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 18 -38**
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-24

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 39.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-25

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	29	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 41
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-26

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	44	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03337i-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03337i-21-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 2
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
		<u>LIMIT</u>					
pH	8.5	2.		1	EPA 9045B	pH Units	4/5/99
pH Temperature	21	1.		1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 6.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 8
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 9.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 11
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 12.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 14
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 15.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.0	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 17
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 18.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	7.9	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 20
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 21.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 23
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 24.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.0	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 26
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>REPORTING</u>			<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
	<u>RESULT</u>	<u>LIMIT</u>	<u>D. F.</u>			
pH	7.9	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 27.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 29
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 30.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.0	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 32
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	7.9	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 33.5
 DATE SAMPLED: 3/31/99
 NEL SAMPLE ID: L9903337-21

TEST: Inorganic Non-Metals
 MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 35
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	7.8	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 36.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	7.9	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 -38
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-24

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 39.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-25

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 18 - 41
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903337-26

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

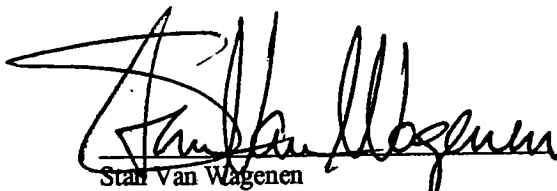
NEL ORDER ID: L9903339

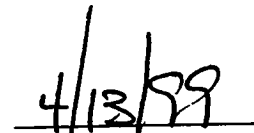
Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/31/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager


Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 2
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	3.6	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 6.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	3.4	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 8
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 9.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 11
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 12.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 14
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 15.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 17
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 19 - 18.5**
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-10

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 20
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 21.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-12

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 23
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D. F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 24.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.4	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 26
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	9.5	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 27.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.1	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 29
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	7.9	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 19 - 30.5**
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-18

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 32
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	9.6	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 33.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-20

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 35
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-21

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	20	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 19 - 36.5**
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-22

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	30	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 38
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-23

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	22	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 39.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-24

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 41
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-25

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	20	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 42.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-26

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	27	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03339i-21-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03339i-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/7/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 2
 DATE SAMPLED: 3/31/99
 NEL SAMPLE ID: L9903339-01

TEST: Inorganic Non-Metals
 MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
		<u>LIMIT</u>	<u>D. F.</u>			
pH	9.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 6.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.9	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 8
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 9.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 11
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 12.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 14
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 15.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 17
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 18.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 20
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 21.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 23
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 24.5
 DATE SAMPLED: 3/31/99
 NEL SAMPLE ID: L9903339-14

TEST: Inorganic Non-Metals
 MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 26
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 27.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 29
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 30.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 32
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 33.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 35
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 36.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 38
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 39.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-24

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 41
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-25

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 19 - 42.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903339-26

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

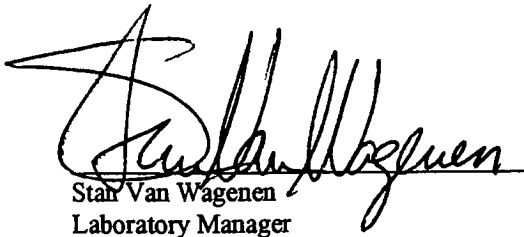
NEL ORDER ID: L9903340

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/31/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 6.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	31	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 6.5D
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	31	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 7
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 9.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	49	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 11
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	40	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 20 - 11D**
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-06

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	42	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L03337i-21-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/5/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 6.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 6.5D
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 7
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 9.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 11
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	23	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 11D
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9903340-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/5/99
pH Temperature	22	1.	1	EPA 9045B	°C	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: KMCC Henderson, NV
PROJECT NUMBER: 4020-004-260

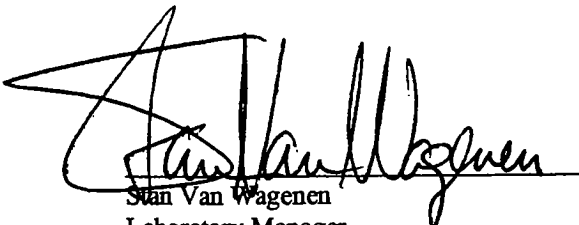
NEL ORDER ID: L9904015

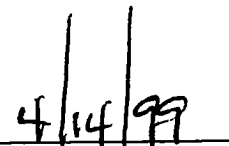
Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 4/1/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager


Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada L.A.C.S.D.	NV033	NV052	CA084 10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 12.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 14
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-02

TEST: Metals
MATRIX: Solid

ANALYST: LEB - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	44	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 15.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	54	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 17
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	42	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 18.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	36	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 20
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	37	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 21.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 23
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	42	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 24.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 26
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-10

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 27.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 29
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-12

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	30	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 30.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 32
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 33.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 35
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	100	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 36.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	53	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 38
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	39	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 39.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	19	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 41
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-20

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	22	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04015i-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 12.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 14
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.0	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 15.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 17
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 18.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 20
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 21.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 23
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 24.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 26
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 27.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 29
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 30.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 32
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 33.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 35
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 36.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.0	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 38
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 39.5
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: KMCC Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 20 - 41
DATE SAMPLED: 3/31/99
NEL SAMPLE ID: L9904015-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

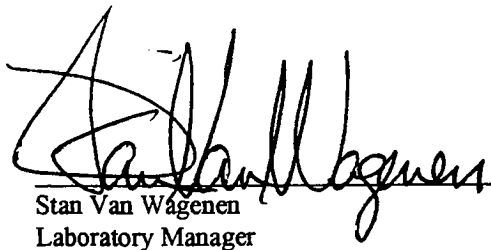
NEL ORDER ID: L9904016

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 4/1/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager

4/14/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/kg	50	EPA 6010	4/6/99	4/7/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 8
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 8D
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 14
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-10

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 21 - 21.5**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-12

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	6.5	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-20

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	24	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-21

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-22

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-23

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	28	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 39.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-24

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-25

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 42.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-26

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	21	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04016i-21-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04016i-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 8
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 8D
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.0	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.0	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 14
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.0	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 39.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-24

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-25

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 21 - 42.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904016-26

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

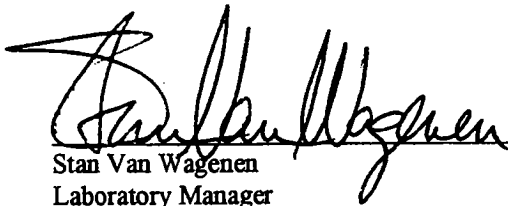
NEL ORDER ID: L9904017

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 4/1/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-01

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 8
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-02

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-03

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-04

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-05

TEST: Metals
MATRIX: Solid

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
DATE SAMPLED: NA
NEL SAMPLE ID: L03338-21-Cr-BLK

TEST: **Metals**

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 8
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904017-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

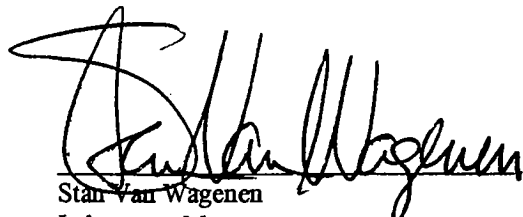
NEL ORDER ID: L9904018

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 4/1/99.

Samples were analyzed as received.

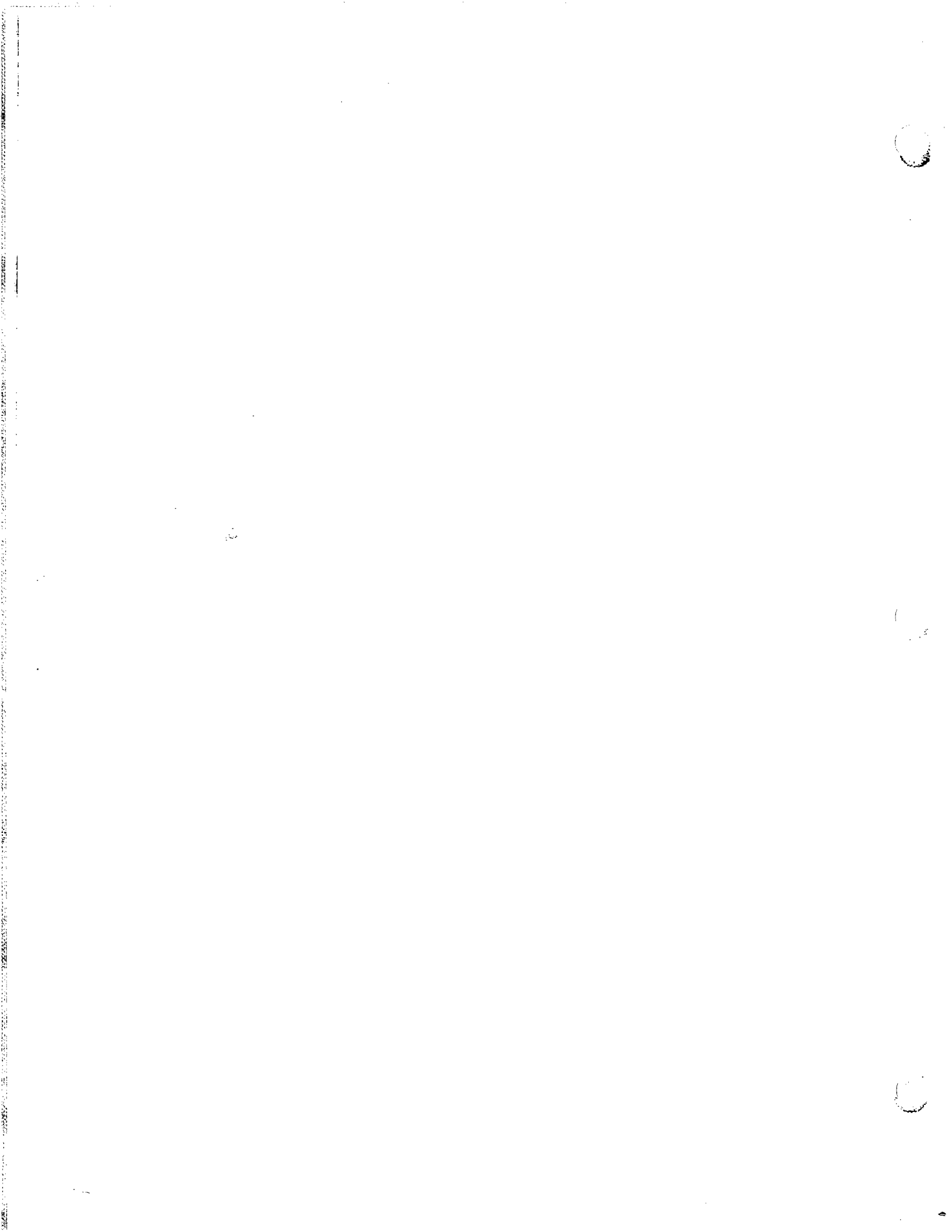
Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wageningen
Laboratory Manager

4/14/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228



NEL LABORATORIES

AGENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	17	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	17	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 20**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-04

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 26**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-08

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 27.5**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-09

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 29**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-10

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	6.0	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.0	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 32**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-12

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	6.6	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	25	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 39.5**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-16

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	19	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	21	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 42.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	25	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 44
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	19	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 36.5**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-20

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **Method Blank**
DATE SAMPLED: NA
NEL SAMPLE ID: L04018i-Cr-BLK

TEST: **Metals**

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/7/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	7.9	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	7.8	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 39.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 22B - 41**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-17

TEST: **Inorganic Non-Metals**
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
		<u>LIMIT</u>	<u>D. F.</u>			
pH	8.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 42.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 44
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 22B - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904018-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/7/99
pH Temperature	21	1.	1	EPA 9045B	°C	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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SBZ1110

pg 1 of 8



CHAIN OF CUSTODY RECORD

LABORATORY: NEL	DATE: 4/1/99	ENSR JOB No: 4020 004260
CLIENT: KMCC	PROJECT: KMCC Henderson NV	
PROJECT MANAGER: Dave Gerny 805-388-3775	SAMPLER: D.J. Roehls	

L9904
1/16

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
	SBZ-20-12.5	3/31/99	1648	press sleeve	1	soil	NONE	DE
	-02 SBZ-20-14		1654		1			DE
	-03 SBZ-20-15.5		1658		1			DE
	-04 SBZ-20-17		1701		1			DE
	-05 SBZ-20-18.5		1704		1			DE
	-06 SBZ-20-20		1707		1			DE
	-07 SBZ-20-21.5		1709		1			DE
	-08 SBZ-20-23		1711		1			DE
	-09 SBZ-20-24.5		1715		1			DE
	-10 SBZ-20-26		1719		1			DE
	-11 SBZ-20-27.5		1722		1			DE
	-12 SBZ-20-29		1725		1			DE
	-13 SBZ-20-30.5		1728		1			DE
	-14 SBZ-20-32		1730		1			DE
	-15 SBZ-20-33.5		1733		1			DE
	-16 SBZ-20-35		1735		1			DE

TEST REQUIRED			
A	TP14-D	8015 D	D pH
B	BTEX	8020	E total Chrome
C	PAH	8270	F

RELINQUISHED BY: (Signature) <i>D.J. Roehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4/1/99	TIME: 1750
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4-1-99	TIME: 1830
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: carrier	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS: **X Analyze pH & Total Chrome until <100mg/kg**
Total Chrome per borehole

12°C

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 2 of 8



LABORATORY: NEL		DATE: 4/1/99	ENSR JOB No: H020-004-260	
CLIENT: KMCC		PROJECT: Henderson NV		
PROJECT MANAGER: D. Gemy		SAMPLER: DJ Boehls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
19904015-17	SB2-20-2.5	3/31/99	1741	2355 2356	1	soil	NONE	* D,E
-18	SB2-20-3.8	↓	1744		1			* D,E
-19	SB2-20-39.5	↓	1746		1			* D,E
-20	SB2-20-41	3/31/99	1749		1			* D,E
19904016-01	SB2-21-6.5	4/1/99	0750		1			D,E
-02	SB2-21-8		0753		1			D,E
-03	SB2-21-8D		0753		1			D,E
-04	SB2-21-9.5		0756		1			D,E
-05	SB2-21-11		0800		1			D,E
-06	SB2-21-12.5		0802		1			D,E
-07	SB2-21-14		0804		1			D,E
-08	SB2-21-15.5		0806		1			D,E
-09	SB2-21-17		0812		1			D,E
-10	SB2-21-18.5		0816		1			D,E
-11	SB2-21-20		0823		1			D,E
-12	SB2-21-21.5	↓	0830	↓	1	↓	↓	D,E

TEST REQUIRED			
A	TPH-d	8015d	D pH
B	BTEX	8020	E Total Cheme
C	PAH	8200	F
G			
H			
I			

RELINQUISHED BY: (Signature) <i>DJ Boehls</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4/1/99	TIME: 1750
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 7-1-99	TIME: 1830
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: currier	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS

LABORATORY RECEIVED 4/1/99
DATE: 4/1/99
TIME: 12:00
BY: [Signature]

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 3 of 8



LABORATORY: NEL		DATE: 4/1/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson, NV		
PROJECT MANAGER: D. Gery 8053883775		SAMPLER: DJ Roehls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
19904016-13	SB2-21-23	4-1-99	0831	brass screw	1	soil	⊖	* D, E
14	SB2-21-24.5		0835		1			* D, E
15	SB2-21-26		0840		1			D, E
16	SB2-21-27.5		0842		1			D, E
17	SB2-21-29		0844		1			D, E
18	SB2-21-30.5		0848		1			D, E
19	SB2-21-32		0852		1			D, E
20	SB2-21-33.5		0856		1			D, E
21	SB2-21-35		0859		1			D, E
22	SB2-21-36.5		0904		1			D, E
23	SB2-21-38		0907		1			D, E
24	SB2-21-39.5		0911		1			D, E
25	SB2-21-41		0915		1			D, E
26	SB2-21-42.5		0917		1			D, E
19904017-01	SB2-22-6.5		0957		1			D, E
-02	SB2-22-8	✓	1000	✓	1	✓	✓	D, E

TEST REQUIRED		
A TP4-d	D 8015-d	G pH
B BTEX	E Total Chrome	H
C PAH	F	I

RELINQUISHED BY: (Signature) <i>DJ Roehls</i>	RECEIVED BY: (Signature) <i>Smith</i>	DATE: 4/1/99	TIME: 1150
RELINQUISHED BY: (Signature) <i>Smith</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4-1-99	TIME: 1830
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: overair	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS: * Analyze samples until total Chrome in each bore hole < 100mg/kg - 2 successive.

Use Joy Seal marked by [Signature] 12°C
 Correctly sealed received [Signature]

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 4 of 8



LABORATORY: NEL		DATE: 4/1/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson NV		
PROJECT MANAGER: D. Gerny 805 388 3775		SAMPLER: DJ Pechls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
L9904017	03SB2-22-9.5	4/1/99	1002	brass sterile	1	soil	none	DE
	-04SB2-22-11		1004		1			DE
L9904017	05SB2-22-12.5		1006		1			DE
L9904018	07SB2-22B-15.5		1039		1			DE
	-02SB2-22B-17		1043		1			DE
	-03SB2-22B-18.5		1046		1			DE
	-04SB2-22B-20		1051	✓	1			DE
	-05SB2-22B-21.5		1055	Jar	1			DE
	-06SB2-22B-23		1058	brass	1			DE
	-07SB2-22B-24.5		1106		1			DE
	-08SB2-22B-26		1110		1			DE
	-09SB2-22B-27.5		1113		1			DE
	-10SB2-22B-29		1116		1			DE
	-11SB2-22B-30.5		1119		1			DE
	-12SB2-22B-32		1121		1			DE
	-13SB2-22B-33.5		1130	✓	1	✓	✓	DE

TEST REQUIRED		
A TPH-D 8015.D	D pH	G
B BTEX	E Total Cheme	H
C PAH	F	I

RELINQUISHED BY: (Signature) DJ Pechls	RECEIVED BY: (Signature) [Signature]	DATE: 4/1/99	TIME: 1750
RELINQUISHED BY: (Signature) [Signature]	RECEIVED BY: (Signature) [Signature]	DATE: 4-1-99	TIME: 1850
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: courier	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
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SPECIAL INSTRUCTIONS: * Analyze for pH & Total Cheme until Total Cheme < 400 mg/kg for 2 successive samples in each batchfile

Seal integrity: Y N (circled) Temp: 12°C Condition: (circled) Good (circled) 18

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 5 of 8



LABORATORY: NEL		DATE: 4/1/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson NY		
PROJECT MANAGER: D Gery		SAMPLER: D J Paehl's		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
29904018-14	SB2-22B-35	4/1/99	1134	Drum	1	soil	NONE	DE
4/14	-15	SB2-22B-38	1142		1			DE
	-16	SB2-22B-39.5	1146		1			DE
	-17	SB2-22B-41	1150		1			DE
	-18	SB2-22B-42.5	1154		1			DE
	-19	SB2-22B-44	1155		1			DE
29904019-01	SB2-23-6.5		1320		1			DE
4/14	-02	SB2-23-8	1325		1			DE
	-03	SB2-23-9.5	1327		1			DE
	-04	SB2-23-11	1330		1			DE
	-05	SB2-23-12.5	1332		1			DE
	-06	SB2-23-14	1335		1			DE
	-07	SB2-23-15.5	1338		1			DE
	-08	SB2-23-17	1340		1			DE
	-09	SB2-23-18.5	1345		1			DE
	-10	SB2-23-20	1349		1			DE

TEST REQUIRED		
A	D	G
B	E	H
C	F	I
pH Total Chrome		

RELINQUISHED BY: (Signature) <i>D J Paehl's</i>	RECEIVED BY: (Signature) <i>D Smith</i>	DATE: 4/1/99	TIME: 1750
RELINQUISHED BY: (Signature) <i>D Smith</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4-1-99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: air	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
--------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS

Required 1 Sample for Client ID # SB2-22B-36.5 will be assigned L9904018-20 and analyzed for pH + Total Chrome per spec. g 4/2/99

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 6a/8



LABORATORY: NEL		DATE: 4/1/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson NV		
PROJECT MANAGER: D Gemy		SAMPLER: DJ Dechls		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
9904019-11	SB2-23-20.0	4/1/99	1349	brass	1	seal	none	DE
4/16	-12		1355		1			DE
	-13		1359		1			DE
	-14		1402		1			DE
	-15		1405		1			DE
	-16		1410		1			DE
	-17		1413		1			DE
	-18		1415		1			DE
	-19		1420		1			DE
	-20		1423		1			DE
	-21		1429		1			DE
	-22		1431		1			DE
	-23		1437		1			DE
	-24		1440		1			DE
	-25		1443		1			DE
29904020-01	SB2-24-6.5		1530		1			DE

TEST REQUIRED			
A	D	G	
B	E	H	
C	F	I	

PH
Total Chrome

RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4/1/99	TIME: 1750
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4-1-99	TIME: 1830
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: air	TURNAROUND TIME: N/A	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
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SPECIAL INSTRUCTIONS

Temp. **12°C**
Condition when received **good**

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

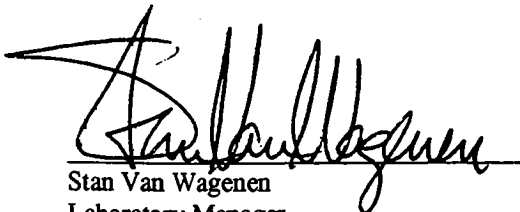
NEL ORDER ID: L9904019

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 4/13/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager

4/13/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 8
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 14
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-10

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 20D
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-11

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-12

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	8.9	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
	<u>mg/Kg</u>	<u>LIMIT</u>				
Chromium	7.6	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-20

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	47	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-21

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-22

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-23

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	23	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

... - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 39.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-24

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	32	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-25

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	20	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04019i-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04019i-21-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/8/99	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 8
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 14
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 20D
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.7	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.9	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 39.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-24

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 23 - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904019-25

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/8/99
pH Temperature	20	1.	1	EPA 9045B	°C	4/8/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

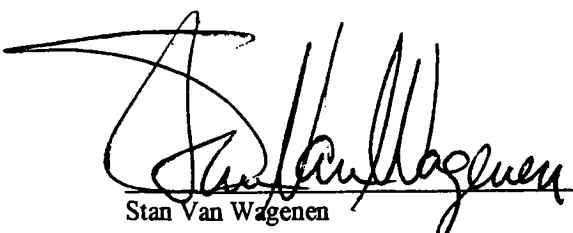
NEL ORDER ID: L9904020

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 4/1/99.

Samples were analyzed as received.

Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.


Stan Van Wagenen
Laboratory Manager

4/19/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2264	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada	NV033	NV052	CA084
				L.A.C.S.D.			10228

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-01

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	18	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 7
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-02

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-03

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-04

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-05

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

.f. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 14
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-06

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-07

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	16	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-08

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-09

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-10

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	12	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 24 - 20D**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-11

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-12

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	13	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-13

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

f. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-14

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-15

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	10	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-16

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	6.0	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-17

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	14	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-18

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	11	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-19

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	15	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 24 - 33.5**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-20

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	9.3	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-21

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	32	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-22

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	42	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-23

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	17	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **SB2 - 24 - 39.5**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-24

TEST: **Metals**
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	99	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-25

TEST: Metals
MATRIX: Solid

ANALYST: JF - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> mg/Kg	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	37	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: **Equipt Rinsate**
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-26

TEST: **Metals**
MATRIX: Aqueous

ANALYST: JY - Reno Division

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/L</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.01 mg/L	1	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04020i-21-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: L04020i-Cr-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> <u>mg/Kg</u>	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.5 mg/Kg	50	EPA 6010	4/6/99	4/7/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: Method Blank
DATE SAMPLED: NA
NEL SAMPLE ID: R04006i-BLK

TEST: Metals

<u>PARAMETER</u>	<u>RESULT</u> mg/L	<u>REPORTING</u> <u>LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>DIGESTED</u>	<u>ANALYZED</u>
Chromium	ND	0.01 mg/L	1	EPA 6010	4/5/99	4/5/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 6.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-01

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 7
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-02

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 9.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-03

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 11
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-04

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.8	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 12.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-05

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.9	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 14
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-06

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.7	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 15.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-07

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 17
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-08

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 18.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-09

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.6	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 20
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-10

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 20D
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-11

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 21.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-12

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	9.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 23
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-13

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.4	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 24.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-14

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

This report shall not be reproduced except in full, without the written approval of the laboratory.

NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 26
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-15

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 27.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-16

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 29
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-17

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.0	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 30.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-18

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 32
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-19

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 33.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-20

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 35
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-21

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.1	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 36.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-22

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.3	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D. - Dilution Factor
ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 38
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-23

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 39.5
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-24

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.2	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

- Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
PROJECT ID: Henderson, NV/4020-004-260
PROJECT #: 4020-004-260

CLIENT ID: SB2 - 24 - 41
DATE SAMPLED: 4/1/99
NEL SAMPLE ID: L9904020-25

TEST: Inorganic Non-Metals
MATRIX: Solid

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>D. F.</u>	<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
pH	8.5	2.	1	EPA 9045B	pH Units	4/6/99
pH Temperature	19	1.	1	EPA 9045B	°C	4/6/99

D.F. - Dilution Factor

ND - Not Detected

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NEL LABORATORIES

CLIENT: ENSR
 PROJECT ID: Henderson, NV/4020-004-260
 PROJECT #: 4020-004-260

CLIENT ID: **Equip Rinsate**
 DATE SAMPLED: 4/1/99
 NEL SAMPLE ID: L9904020-26

TEST: **Inorganic Non-Metals**
 MATRIX: Aqueous

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>	<u>UNITS</u>	<u>ANALYZED</u>
		<u>LIMIT</u>	<u>D. F.</u>			
pH	6.74	2.	1	EPA 150.1	pH Units	4/2/99
pH Temperature	21.3	1.	1	EPA 150.1	°C	4/2/99

- Dilution Factor
 ND - Not Detected

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CHAIN OF CUSTODY RECORD

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LABORATORY: NEL		DATE: 4/1/99	ENSR JOB No: 4020-004-260	
CLIENT: KMCC		PROJECT: Henderson NV		
PROJECT MANAGER: D Gerty		SAMPLER: DJ Rehlis		

LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
9904020-02	SB2-24-7	4/1/99	1535	brass	1	soil	none	DE
4/1/99	-03	SB2-24-9.5	1537		1			
	-04	SB2-24-11	1540		1			
	-05	SB2-24-12.5	1545		1			
	-06	SB2-24-14	1548		1			
	-07	SB2-24-15.5	1551		1			
	-08	SB2-24-17	1555		1			
	-09	SB2-24-18.5	1557		1			
	-10	SB2-24-20	1600		1			
	-11	SB2-24-20.5	1600		1			
	-12	SB2-24-21.5	1605		1			
	-13	SB2-24-23	1608		1			
	-14	SB2-24-24.5	1611		1			
	-15	SB2-24-26	1617		1			
	-16	SB2-24-27.5	1621		1			
	-17	SB2-24-29	1625		1			

TEST REQUIRED		
A	D pH	G
B	E Total Chrome	H
C	F	I

RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4/1/99	TIME: 1750
RELINQUISHED BY: (Signature) <i>[Signature]</i>	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: 4-1-99	TIME: 1730
RELINQUISHED BY: (Signature)	RECEIVED BY: (Signature)	DATE:	TIME:

METHOD OF SHIPMENT: carrier	TURNAROUND TIME: NTA	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days
------------------------------------	-----------------------------	---

SPECIAL INSTRUCTIONS

... Seal Intake ... *[Signature]* Temp. **120**

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

CHAIN OF CUSTODY RECORD

pg 8 of 8



LABORATORY: NEL		DATE: 4/11/99	ENSR JOB No: 4020-004-260					
CLIENT: KMCC		PROJECT: Henderson NV						
PROJECT MANAGER: D. Getty		SAMPLER: DJ Daehls						
LABORATORY NO.	SAMPLE ID	DATE	TIME	VESSEL TYPE	NO. OF VESSELS	SAMPLE MATRIX	PRESERVATION METHOD	TEST REQUIRED
19904020-18	SB2-24-30.5		1627					DE
4/16	-19	SB2-24-32	1632					DE
	-20	SB2-24-33.5	1635					DE
	-21	SB2-24-35	1640					DE
	-22	SB2-24-36.5	1646					DE
	-23	SB2-24-38	1649					DE
	-24	SB2-24-39.5	1652					DE
	-25	SB2-24-41	1655					DE
	-26	Equip Rm site	1750					DE
TEST REQUIRED								
A	D			G				
B	E			PH		Total Chromium		
C	F							
RELINQUISHED BY: (Signature) <i>DJ Daehls</i>		RECEIVED BY: (Signature) <i>Smith</i>		DATE: 4/11/99	TIME: 1700			
RELINQUISHED BY: (Signature) <i>Smith</i>		RECEIVED BY: (Signature) <i>Smith</i>		DATE: 4-1-99	TIME: 1830			
RELINQUISHED BY: (Signature)		RECEIVED BY: (Signature)		DATE:	TIME:			
METHOD OF SHIPMENT: CARRIER	TURNAROUND TIME: N/A	SAMPLE DISPOSAL: <input type="checkbox"/> Return to ENSR <input checked="" type="checkbox"/> Proper disposal by Lab after 60 days						
SPECIAL INSTRUCTIONS								
Quality Seal intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Condition when received: Good								

White - ENSR Copy Yellow - Laboratory Copy Pink - Return to ENSR with Results

APPENDIX D

Geotechnical Laboratory Results

AP Engineering and Testing, Inc.

GEOTECHNICAL TESTING LABORATORY

FLEXIBLE WALL HYDRAULIC CONDUCTIVITY TEST ASTM D5084

Client: NEL Laboratories
 Project No.: L9903291-12
 Location: _____
 Sample No.: 882-18-16G Depth: _____ feet
 Soil Description: Brown Decomposed Granite
 Test Condition: _____
Confining Pressure = 5 PSI

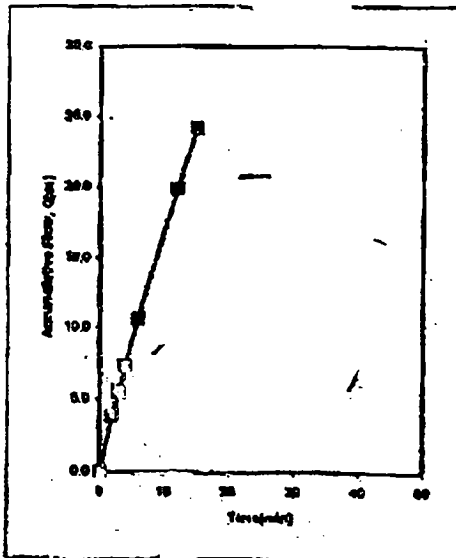
Tested by BL Date 05/05/99
 Calculated by BY Date 05/12/99
 Checked by AP Date 05/14/99

INITIAL CONDITION OF SPECIMEN

Diameter (d) 1.88 in
 Sample Area (A) 2.78 in²
 Length (L) 2.70 in
 Weight Before 245.52 g
 Wet Density 125.44 pcf
 Dry Density 111.68 pcf

	Before	After
Container No.	_____	_____
Wt. Wet Soil+Container(gms)	<u>273.11</u>	<u>307.29</u>
Wt. Dry Soil+Container(gms)	<u>248.82</u>	<u>272.45</u>
Wt. Container (gms)	<u>33.43</u>	<u>54.76</u>
Moisture, (%)	<u>12.32</u>	<u>18.00</u>

TEST RESULTS



Time (min)	Flow Reg (cm)	Burette Factor	Q (cc)	Head, h (psi)	h/L	QR (cc/s)
0	43.5	1	0.0	3.0	30.8	0
2	39.7	1	3.8	3.0	30.8	5.17E-02
3	38.0	1	5.5	3.0	30.8	2.83E-02
4	36.2	1	7.3	3.0	30.8	3.00E-02
6	32.9	1	10.0	3.0	30.8	2.75E-02
12	23.8	1	19.8	3.0	30.8	2.58E-02
16	19.3	1	24.2	4.0	30.8	2.38E-02

Hydraulic Conductivity (cm/sec): 4.38E-05

NEL LABORATORIES

Reno • Las Vegas
Phoenix • Irvine

Las Vegas Division
4208 Arcata Way, Suite A • Las Vegas, NV 89030
(702) 657-1010 • Fax: (702) 657-1577
1-888-368-3282

CLIENT: ENSR
315 Arden Avenue, Suite 24
Glendale, CA 90203-1119
ATTN: Dave Gerry

PROJECT NAME: Henderson, NV
PROJECT NUMBER: 4020-004-260

NEL ORDER ID: L9903331

Attached are the analytical results for samples in support of the above referenced project.

Samples were received by NEL in good condition, under chain of custody on 3/30/99.

Samples were analyzed as received.

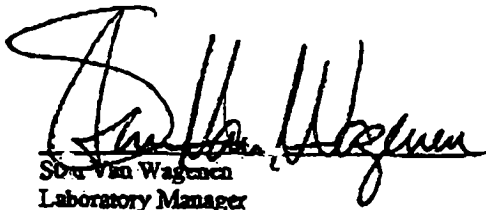
Should you have any questions or comments, please feel free to contact our Client Services department at (702) 657-1010.

Some results have been flagged as follows:

⌈ - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.

Some QA results have been flagged as follows:

⌈ - The batch MS and/or MSD were outside acceptance limits. The batch LCS was acceptable.


Steve Van Wageningen
Laboratory Manager

5/26/99
Date

CERTIFICATIONS:

	<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>		<u>Reno</u>	<u>Las Vegas</u>	<u>S. California</u>
Arizona	AZ0520	AZ0518	AZ0583	Idaho	Certified	Certified	
California	1707	2002	2261	Montana	Certified	Certified	
US Army Corps of Engineers	Certified	Certified	Certified	Nevada L.A.C.S.D.	NV033	NV052	CA084 10228

AP Engineering and Testing, Inc.

Geotechnical Testing Laboratory

SPECIFIC GRAVITY ASTM D 854

Client: NEL Laboratories
Project No.: L990331-12

Test By: BL
Date Input By: SY
Checked By: AP

Date: 05/11/99
Date: 05/13/99
Date: 05/14/99

BORING NUMBER					
SAMPLE NUMBER	SB2-16-15G				
DEPTH (FT)					
USCS					
SOIL DESCRIPTION	Brown				
SPECIFIC GRAVITY (G _s)	2.67				
CONTAINER					
FLASK NUMBER	4A				
WT. FLASK+WATER+SOIL	384.28				
TEMPERATURE	27				
CORRECTION FACTOR	0.9988				
WT. DRY SOIL	63.97				
WT. FLASK & WATER	345.16				
% RETAINED #4	0.0				
% PASSING #4	100.0				

20 J. Paul Boulevard, Pomona, California 91768

TEL: 909-861-6116 FAX: (909) 861-5318