		C.		Client:			Tronox LLC			
			K _®	Project	t Numbe	er:	04020-023-151		Boring No. M-116	
				Site Lo	cation:		Henderson, NV			
1	220 Avenio	da Acaso		Coordi	nates:	2671628	6.080 N, 828584.248E; NAD 83 Elevation: 1844.44 ft, msl	She	et: 1 of 1	
Cam	arillo, Cali		3012	Drillin _i	g Metho	od:	Sonic - Continuous Core Monitoring Well Installed:			
	(805) 388	3-3775		Sample	Type(s	:):	Split Spoon/Core Boring Diameter: 7-inch	Scr	eened Interval:	
Weather:	Sunny, c	old, 40s					Logged By: Ed Krish Date/Time Started: 3/12/06	1230 Dep	oth of Boring: 50	ft
Drilling (Contracto	r:	Prosoni	С		1	Ground Elevation: Date/Time Finished: 3/12/06	Wa	ter Level:	
Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	MATERIAL IDENTIFICATION, color, description clay) description of coarse grained material (s mineralogical features, density or stiffness, moist	and and gra sture conten	vel), structural or t, odors or staining.	Depth (Ft.)
5	M-116-0.5 M-116-5			10	0.0		ALLUVIUM: SILTY/GRAVELLY SAND, with silty gravel lensurace clay; 65% sand (very fine- to very coarse-grained, angular to (commonly 1/8" to 1", angular to subangular), dry, no unusal odor From 4 to 5 ft: caliche zone.	subangular), 25		
10	M-116-10			10	6.2					
20	M-116-20			10	0.0					
25					2.2	SM	ALLUVIUM: SILTY SAND, yellow brown (5Y 8/1), 20% silt wit grained, with medium- to coarse-grained sand, angular to subangul anusual odors or staining.			25 ft 29 ft
30	M-116-30			10			MUDDY CREEK FORMATION - FIRST FINE-GRAINED FA yellow brown (10YR 5/4), sandy zones (with up to 30% very fine-grown 31 to 35 ft: pale orange (10YR 7/2), abundant soft caliche ce	grain, angular to	o subangular), dry.	
40	M-116-40			10	6.5	SM	MUDDY CREEK FORMATION - FIRST COARSE-GRAINE yellow brown (10YR 6/4), 30% silt with trace clay, 65% sand (very sand, angular to subrounded), 5% gravel to 1/4" (angular to subrounded).	y fine- to mediu	_	41 ft
50 Notes:	M-116-50				1.8		Total Depth = 50 feet Boring Terminated Target depth achieved			50 ft
	No ground	-	as encou		the bori	ng.	drated. The surface was restored.			

		C:		Client:			Tronox LLC 04020-023-151 Boring No. M-117						
			8		t Numbe ocation:		04020-023-151 Boring No. M-117 Henderson, NV						
	1220 Aveni	do Acoco											
	1220 Aveni 1arillo, Cal					ates: 26715198.289 N , 828917.057 E NAD83 Elevation: 1877.98 ft, msl Sheet: 1 of 2 Method: Sonic - Continuous Core Monitoring Well Installed:							
	(805) 388				e Type(s		Split Spoon/Core Boring Diameter: 7-inch Screened Interval: 130-150	es feet					
Weather	Cold, clo	andy 30)s to 40s		e 1 ype(s		Logged By: Ed Krish Date/Time Started: 3/11/06 7:30 am Depth of Boring: 157 fe						
	Contracto	•	Proson				Ground Elevation: Date/Time Finished: 3/11/06 Water Level: 79.4 feet						
Druing													
Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining.	Depth (Ft.)					
	M-117-0.5	\sim		10			ALLUVIUM: SILTY/GRAVELY SAND, with silty gravel lenses present, pale yellow brown (10YR 6/4), 10-20% silt with trace clay, 60 to 80% sand (very fine- to very coarse-grained, angular to subrounded), 10 to 30%						
	M-117-5	\sim			0.0		gravel to 2" maximum, (commonly 1/8" to 3/4", subangular to angular, volcanic to basaltic, well graded), dry, no						
	M-117-10		ļ	10	0.0		unusual odor or staining.						
10	WI-117-10			10	0.0								
20	M-117-20 M-117-20D	<u></u>		10	0.0								
30	M-117-30	>		10	0.0		From 27 to 40 ft: brown (5YR 5/4).						
40	M-117-40	>		10	0.0	GM	ALLUVIUM: SANDY SILTY GRAVEL, brown (5YR 5/4), 25% silt with trace clay, 35% sand (very fine- to	40 ft					
50	M-117-50	>		10	0.0	SM (GM)	very coarse-grained, angular to subrounded), 40% gravel to 2 1/2" maximum (commonly 1/8" to 1", angular to subraugular), dry, no unusual odor or staining. From 46 to 47 ft: caliche zone at contact with Muddy Creek Fm - First coarse-grained facies at 47'. MUDDY CREEK FORMATION - FIRST COARSE-GRAINED FACIES: SILTY SAND and GRAVELLY SAND, with silty gravel lenses present, brown (5YR 5/4 & 5/6), 20 to 45% silt with trace clay, 50 to 70% sand	47 ft					
60	M-117-60	>		20	0.0		(very fine- to very coarse-grained, angular to subrounded), 0 to 20% gravel to 1" maximum (commonly 1/8" to 3/4", angular to subangular), dry, no unusual odors or staining.						
70	M-117-70	>			0.0		Damp at 70' From 72 to 74 ft: caliche zone, nodular.						
80	M-117-80 M-117-80D	<u></u>		17	0.0		From 79 to 85 ft: common caliche nodules to 1/2". Wet at 80' From 85 to 100 ft: Sp. (?) caliche nodules to 1/2".						
90				20									
Notes	I s:	Checked	by	_SWB	l	Date:	8/10/06						

	VC		Client:	•		Tronox LLC			
-		T.	Projec	t Numbe	er:	04020-023-151	Boring No. M-11	.7	
			Site Lo	cation:		Henderson, NV			
	Avenida Ac		Coord	inates: 2	2671519	98.289 N , 828917.057 E NAD83 Elevation: 1877.98 ft, msl	Sheet: 2 of 2		
Camarillo			Drillin	g Metho	od:	Sonic - Continuous Core Monitoring Well Installed:			
	5) 388-3775			e Type(s	·):	Split Spoon/Core Boring Diameter: 7-inch	Screened Interval: 130-15		
Weather: Cold							am Depth of Boring: 157		
Drilling Contr		Prosoi	nic			Ground Elevation: Date/Time Finished: 3/11/06	Water Level: 79.4 fe	eet	
Depth (ft)	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	MATERIAL IDENTIFICATION, color, description of fin clay) description of coarse grained material (sand an mineralogical features, density or stiffness, moisture c	d gravel), structural or ontent, odors or staining.	Depth (Ft.)	
110			20			MUDDY CREEK FORMATION - FIRST COARSE-GRAINED FACI SAND, with silty gravel lenses present, cont'd	ES: SILTY SAND and GRAVELLY	119 ft	
110			20		ML	MUDDY CREEK FM - SECOND FINE-GRAINED FACIES: SILT and interbedded sandy zones with 20 to 50% sand (very fine-grained, angular to staining.			
180						Total Depth = 157 feet Boring Terminated Target depth achieved		157 ft	
	ndwater w	s backfilled as encount			-	nydrated. The surface was restored. bgs. 8/10/06			

		\mathbb{C}		Client:			Tronox LLC						
		DI	€ ®	Project	t Numbe	er:	04020-023-151 Boring No. M-11	.8					
				Site Lo	cation:		Henderson, NV						
	1220 Aveni	da Acaso		Coordi	inates: '2	267150	58.012 N , 828036.397 E ; NAD 83 <i>Elevation:</i> 1874.53 feet <i>Sheet: 1 of 2</i>						
Ca	marillo, Cali		3012	Drillin	g Metho	od:	Sonic - Continuous Core Monitoring Well Installed:						
	(805) 388	8-3775		Sample	e Type(s):	Split Spoon/Core Boring Diameter: 7-inch Screened Interval: 138-15	8 feet					
/eather	r: Sunny, w	vindy, 5	0s F				Logged By: Ed Krish Date/Time Started: 3/8/06 11:45 am Depth of Boring: 163 f	feet					
rilling	Contracto	or:	Prosoni	ic			Ground Elevation: Date/Time Finished: 3/8/06 5:05 pm Water Level:						
Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Common Elevation: Date Time Pulished: 3/8/06 3:05 pm water Level:								
	M-118-0.5	_		10		SM (GM)	ALLUVIUM: SILTY SAND and GRAVELY SAND, with silty gravel lenses present, brown (5YR 5/5), 15 to 20% silt, 65 to 70% sand (very fine- to very-coarse-grained, angular to subangular), 10 to 20% volcanic gravel to						
	M-118-5	><			2.4	(6111)	4" maximum (commonly granule to pea gravel, 18" to 1/4", angular to subangular), dry, no unusual odor or						
				10	12.0		staining.						
0 —	M-118-10	\sim		10	12.8								
20	M-118-20 M-118-20D	>		10	5.1								
_													
0 —	M-118-30	> <		10	2.9								
_													
40	M-118-40	X		10	4.7		From 40 to 51 ft: very pale orange (10YR 8/2) with common caliche nodules and soft cement in sand matrix, nodules to 2 1/2".						
50	M-118-50	<u></u>		10			From 51 to 52 ft: Silty Sand, very fine- to fine-grained, common caliche nodules, possibly reworked Muddy						
50	M-118-60			7	0.4	SM (GM)	Creek Fm. MUDDY CREEK FM - FIRST COARSE-GRAINED FACIES: SILTY SAND and SILTY/GRAVELY SAND, with silty gravel lenses present, brown (5YR 5/5), 10 to 35% silt, 60 to 80% sand (very fine- to very coarse-grained, angular to subrounded), 0 to 15% granules and pea gravel (1/8" to 3/8", angular to subangular), interbedded, dry, no unusual odors or staining. From 52 to 62 ft: Local zones with caliche nodules (1/8" to 1" diameter).	52 ft					
_	-			13									
30	M-118-80	>		7			Damp at 75' From 77 to 80 ft: Local zones with caliche nodules (1/8" to 1" diameter). Wet from 80' From 83 to 87 ft: Local zones with caliche nodules (1/8" to 1" diameter).						
90]						From 92 to 102 ft: Local zones with caliche nodules (1/8" to 1" diameter).						
	4			12									
	4			13									
							<u> </u>						

Checked by _

SWB

Date: 8/10/06

		Client:			Tronox LLC	Boring No. M-11	8					
	8		t Numbe	er:	04020-023-151	Boring No. WI-118						
			cation:	267150	Henderson, NV	gr . 2 . 6 2						
1220 Avenida Aca Camarillo, California					68.012 N , 828036.397 E ; NAD 83 <i>Elevation</i> : 1874.53 feet	Sheet: 2 of 2						
(805) 388-3775			g Metho		Sonic - Continuous Core	Ü	Yes					
		Sample	e Type(s):	Split Spoon/Core Boring Diameter: 7-inch	Screened Interval: 138-15						
eather: Sunny, windy			Logged By: Ed Krish Date/Time Started: 03/08/06 11:45 am Depth of Boring: 163 feet									
illing Contractor:	Prosoni	ic	1	l	Ground Elevation: Date/Time Finished: 03/08/06 5:05 pm	und Elevation: Date/Time Finished: 03/08/06 5:05 pm Water Level:						
Depth (ft) Sample ID Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	MATERIAL IDENTIFICATION, color, description of fine clay) description of coarse grained material (sand and mineralogical features, density or stiffness, moisture cor	gravel), structural or	Depth (Ft.)					
		20	2.0	SM (GM)	MUDDY CREEK FM - FIRST COARSE-GRAINED FACIES: SILTY SO SAND, with silty gravel lenses present, cont'd From 104 to 108 ft: Local zones with caliche nodules (1/8" to 1" diameter). From 117 to 119 ft: Silt lens, sandy and gravely, local zones with caliche	AND and SILTY/GRAVELY						
0 —					From 123 to 126 ft: Local zones with caliche nodules (1/8" to 1" diameter).		126 ft					
		20		ML	MUDDY CREEK FM - SECOND FINE-GRAINED FACIES: SILT and S to 30% sand, very fine-grained locally, interbedded, wet.	SANDY SILT, brown (5YR 5/5), 0						
			5.05				163 ft					
					Total Depth = 163 feet Boring Terminated Target depth achieved							

Checked by _____SWB

Date: 8/10/06

	= ,\			- Citent:			1ronox LLC	Boring No. M-11	0
1.0			8		t Numbe	er:	04020-023-151	DOTING NO. MI-11	9
					cation:		Henderson, NV		
	1220 Aveni						792 N, 826740.838 E; NAD 83	Sheet: 1 of 1	
Can	narillo, Cal (805) 388		3012		g Metho		Sonic - Continuous Core	Ü	No
	(803) 366	9-3113		Sample	Type(s	·):	Split Spoon/Core Boring Diameter: 7-inch	Screened Interval:	
Weather:	Sunny, 5	0s to 60)s F					Depth of Boring: 50 fe	eet
Drilling	Contracto	r:	Prosoni	c		1	Ground Elevation: Date/Time Finished: 3/14/06 9:30 am	Water Level:	
Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	MATERIAL IDENTIFICATION, color, description of fine clay) description of coarse grained material (sand and mineralogical features, density or stiffness, moisture con	gravel), structural or tent, odors or staining.	Depth (Ft.)
	M-119-0.5 M-119-0.5D M-119-5	*		10	2.4		ALLUVIUM: SILTY/GRAVELLY SAND, with silty gravel lenses present, y with trace clay, 70% sand (very fine- to very-coarse-grained, angular to suban (commonly 1/8" to 1", angular to subangular), dry, no unusual odor or staining	gular), 20% gravel to 1 1/2"	
10	M-119-10	>		10	1.8				
20	M-119-20	>		10	3.3				
									27 ft
30	M-119-32	>		10	0.0		ALLUVIUM: SILTY SAND, very pale orange (10YR 8/2), 10% silt with trac medium-grained with coarse-grained sand, angular to subangular), common so unusual odors or staining.	oft caliche cement matirx, dry, no	32 ft
40	M-119-40	>		10	0.0		MUDDY CREEK FM - FIRST FINE-GRAINED FACIES: SILT and SAN 6/4), sandy zones with up to 30% sand (very fine-grained, angular to subangul From 33 to 34 ft: minor caliche nodules to 1".		
							Damp at 44'		46 ft
50	M-119-50	><		10	1.2		MUDDY CREEK FM - FIRST COARSE-GRAINED FACIES: SILTY/GI lenses present, brown (5YR 6/4), 10% silt with trace clay, 80% sand (very fine to very coarse-grained sand, angular to subangular), 10% gravel to 1/8".		50 ft
_						`			3011
							Total Depth = 50 feet Boring Terminated		
	1						Target depth achieved		
60]								
	-								
70									
	-								
80									
_	1								
]								
90 —									
	1								
	-								
100 Notes:									
1.000			ring was l indwater				hips and hydrated. The surface was restored. ring.		
		Checked	by	SWB		Date:	8/10/06		

ALLUVIUM: SANDY GRAVEL, brown (\$YR 5/4), 20% silt and clay, 30% sand (very fine- to very coarse-grained, angular to subangular), 50% gravel to 3 1/2" (mostly 1/8" to 1 1/2", angular to subangular, basaltic), dry. SM ALLUVIUM: SILTY SAND, brown (5YR 5/4), 25 to 35% silt, 75% sand (very fine- to fine-grained with minor medium to coarse-grained sand, angular to subangular), 0 to 5% granules and gravel (fine gravel to 1/4"), dry, no unusual odors or staining. From 31 to 41 ft: moderate calcite cement. 12 2.2 M-120-400 M-120-400 M-120-50 M-120-60		=N	S	2	Client: Projec	: ct Numbe		Tronox LLC 04020-023-151 Boring No. M-12	0						
Comparison Continuing Number Continuing Number Continuing Number Continuing Number					Site Lo	ocation:		Henderson, NV							
Soughe Type(s): Soughe Type(s): Split Spoon-Core Boring Diameter: 7-inch Screened Interval: 80-100 for Control Windy, 40s to 58s F Legged By: Edixish Date Time Faither: 38-00 9-00 and Depth of Boring: 107 feet trilling Contractor: 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1220 Aveni	da Acaso)	Coord	inates:									
Spits Spoon. Compared to the second s	Can	narillo, Cal	ifornia 9	3012	Drillin	ng Method: Sonic - Continuous Core Monitoring Well Installed:									
Ground Elevation: Date Time Finished: 38-06 Water Level: 79-47 Material Date Time Finished: 38-06 Water Level: 79-47 Ma		(805) 388	8-3775		Sample	e Type(s	s):	Split Spoon/Core Boring Diameter: 7-inch Screened Interval: 80-10	0 feet						
MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining. MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining. MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (silt and clay) description of coarse grained and clay, 60% sand (very fine- to fine-grained with common medium. to every coarse-grained sand, angular to subangular), 20% gravelly, dry, no unasual odors or staining. MATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained sand, angular to subangular). 20% sand (very fine- to fine-grained with common medium. to coarse grained sand, angular to subangular), 20% sand (very fine- to very coarse-grained sand, angular to subangular), 20% sand (very fine- to fine-grained with nation of material (sand and gravel (fine gravel to 1.4"), dry, no unasual odors or staining. MATERIAL IDENTIFICATION, color, description of coarse grained sand, angular to subangular), 20% sand (very fine- to fine-grained, with medium to coarse grained sand, angular to subangular), dry, fine- 10 fine-grained, with medium to coarse grained sand, angular to subangular), 0 to 5% grained sand, angular to subangular), 0 to 5% grained sand, angular to subangular), 0 to 5% gravel (grained sand (very fine- to fine-grained), with medium to very coarse-grained sand, angular to subangular), 0 to 5% grained sand, angular to suban	eather.	: Windy, 4	40s to 5	8s F				Logged By: Ed Krish Date/Time Started: 3/8/06 9:00 am Depth of Boring: 107	feet						
M 129 0.5	rilling	Contracto	or:	Proson	iic			Ground Elevation: Date/Time Finished: 3/8/06 Water Level: 79.47	1						
medium: to very course-grained sand, angular to subangular), 20% granules and gravel (fine-grained to 1/2", angular to subangular), gravelly, dry, no unusual odors or staining. M 120 10 10 1.8 M 120 20 10 1.8 M 120 30 10 1.8 M 120 30 10 1.8 M 120 30 10 10 1.8 M 120 30 11 10 1.8 M 120 30 11 11 11 11 11 11 11 11 11 11 11 11 11	Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	clay) description of coarse grained material (sand and gravel), structural or							
angular to subangular), gravelly, dry, no unusual odors or staining. M. 120-10		M-120-0.5	\times		7		SW/SP								
M. 120-30 M. 120-30 M. 120-40		M-120-5	<u></u>		3	0.0									
M. 120-30 M. 120-30 M. 120-40		,,]	10	1.0									
ALLUVIUM: SANDY GRAVEL, brown (SYR 54), 20% silt and clay, 30% sand (very fine- to very coarse-grained, angular to subangular), 50% gravel to 3 1/2° (mostly 18° to 11/2°, angular to subangular, basaltic), dry, and angular to subangular), 50% gravules and gravel (fine-grained with minor medium to coarse-grained sand, angular to subangular), 0 to 5% granules and gravel (fine gravel to 1/4°), dry, no unusual odors or staining. From 31 to 41 ft: moderate calcite cement. 12 2.2 M-120-40 M-120	0	M-120-10	>>		12	1.0									
ALLUVIM: SANDY GRAVEL, brown (SYR 54), 20% silt and clay, 30% sand (very fine- to very coarse-grained, angular to subangular), 50% gravel to 3 1/2" (mostly 1,8" to 1 1/2", angular to subangular, basalic), dry. M 120-40 M-120-40 M-120-40 M-120-40 M-120-60 M-120-60 M-120-60 M-120-80 M-120		M-120-20	\sim		10	1.8			21 ft						
M-120-30 M-120-40 M-120-40 M-120-40 M-120-60 M-120-60 M-120-60 M-120-80 M-120-	_						- C) :		21.10						
M-120-30 M-120-30 M-120-30 M-120-40 M-120-40 M-120-40 M-120-40 M-120-60 M-120-60 M-120-80 M-1		1					GM	angular to subangular), 50% gravel to 3 1/2" (mostly 1/8" to 1 1/2", angular to subangular, basaltic), dry.	26 ft						
M-120-40 M-120-40 M-120-40 M-120-50 M-120-50 M-120-50 M-120-60 M-120-80 M-120-					3		SM								
From 31 to 41 ft: moderate calcite cement. 12		M-120-30	> <		11	0.8		ium to coarse-grained sand, angular to subangular), 0 to 5% granules and gravel (fine gravel to 1/4"), dry, no							
M-120-60 M-120-60 M-120-80 M-120-					11										
M-120-40D M-120-50 M-120-60 M-120-80 M-120															
From 48 to 49 ft: caliche zone with nodules to 3 1/2". Contact with Muddy Creek Fm at 49 ft SCSM (GM) M-120-60 M-120-60 M-120-80 M-120-80 M-120-80 To the first color of the standard o		M-120-40			12	2.2									
Contact with Muddy Creek Fm at 49 ft SCSM MUDDY CREEK FM - FIRST COARSE-GRAINED FACIES: SAND, with sitty gravel lenses present, sitty gravel lenses present and varying amounts of silt, clay and/or gravel, brown (5YR 5/4), 0 to 20% clay, 10 to 50% silt, 50 to 70% sand (very fine- to fine-grained, with medium- to very coarse-grained sand, angular to subangular), 0 to 15% gravel (granules to fine gravel to 1", angular to subangular), dry. From 49 to 57 ft: sand, silty or clayey. From 57 to 83 ft: sand, gravelly ± silt. Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'	-		\sim												
Contact with Muddy Creek Fm at 49 ft SCSM MUDDY CREEK FM - FIRST COARSE-GRAINED FACIES: SAND, with sitty gravel lenses present, sitty gravel lenses present and varying amounts of silt, clay and/or gravel, brown (5YR 5/4), 0 to 20% clay, 10 to 50% silt, 50 to 70% sand (very fine- to fine-grained, with medium- to very coarse-grained sand, angular to subangular), 0 to 15% gravel (granules to fine gravel to 1", angular to subangular), dry. From 49 to 57 ft: sand, silty or clayey. From 57 to 83 ft: sand, gravelly ± silt. Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'		1						From 48 to 49 ft; caliche zone with nodules to 3.1/2"							
M-120-50 M-120-50 M-120-60 M-120-80 M-120-	-								49 fi						
15% gravel (granules to fine gravel to 1", angular to subangular), dry. From 49 to 57 ft: sand, silty or clayey. From 57 to 83 ft: sand, gravelly ± silt.		M-120-50	>		12	1.6		MUDDY CREEK FM - FIRST COARSE-GRAINED FACIES: SAND, with silty gravel lenses present, silty gravel lenses present and varying amounts of silt, clay and/or gravel, brown (5YR 5/4), 0 to 20% clay, 10 to 50% silt,	4911						
7 From 57 to 83 ft: sand, gravelly ± silt. 15 Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'		1													
15 Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'	0	M-120-60	\sim			0.8									
7 1.8 Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'		-			7			From 57 to 83 ft: sand, gravelly \pm silt.							
7 1.8 Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'	_]													
7 1.8 Damp at 80' From 83 to 102 ft: sand, silty. Wet at 85'		-			15										
From 83 to 102 ft: sand, silty. Wet at 85'	0 —	1													
From 83 to 102 ft: sand, silty. Wet at 85']													
From 83 to 102 ft: sand, silty. Wet at 85'		1													
From 83 to 102 ft: sand, silty. Wet at 85'	_	M-120-80	\sim	-	7	1.8		*	_						
		-						From 83 to 102 ft: sand, silty.							
	_	1						Wet at 85'							
	_]													
		1			15										
		1													
		-													
		1			8										
		s:			•		•								

Checked by _____SWB

Date: 8/10/06

							Tronox LLC		Dowing No. M 120		
1.5			A ®		Numbe		04020-023-151			Boring No. M-12	20
				Site Lo	cation:		Henderson, NV				
1	220 Avenid	la Acaso)	Coordi	nates: 2	2671516	2.900 N, 828387.792 E, NAD 83	Sheet: 2 of 2			
Cam	arillo, Cali		3012	Drilling	g Metho	d:	Sonic - Continuous Core	Monitoring Well Installed:	Yes		
	(805) 388	-3775		Sample	Type(s):	Split Spoon/Core	Boring Diameter:	7-inch	Screened Interval: 80-10	0 feet
Weather:	Windy, 4	0s to 5	8s F				Logged By: Ed Krish	Date/Time Started:	03/08/06 9:00 am	Depth of Boring: 107	feet
Drilling (Prosoni	С			Ground Elevation:	Date/Time Finished:	3/8/06	Water Level: 79.47 fe	eet
		t)		_	ı)						
Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	clay) description of	f coarse grained m	aterial (sand and	grained material (silt and gravel), structural or atent, odors or staining.	Depth (Ft.)
						SC/SM (GM)	MUDDY CREEK FM - FIRST gravel lenses present and varyin From 102 to 107 ft: sand, silty, §	g amounts of silt, clay a		ith silty gravel lenses present, silty	107 ft
110								Total Depth = 107 fee Boring Terminated Target depth achieved			
Notes	:								<u> </u>	<u> </u>	
	Groundwa		encounter		boring a	it 79.47	ydrated. The surface was restored. feet. 8/10/06				

	EN	\mathbf{Q}		Client:			Tronox LLC	Boring No. M-121			
			8		t Numbe	er:	04020-023-151				
	1220 4 .				cation:	2671500	Henderson, NV .237 N, 827694.571 E, NAD 83 <i>Elevation:</i> 187	72.00 ft mal			
	1220 Aveni narillo, Cal				g Metho		Sonic	72.90 ft, msl Sheet: 1 of 2 Monitoring Well Installed: Yes			
	(805) 388		·		g Meine Type(s		Split Spoon/Core Boring Diame				
Veather	: Windy, o	rold 30s	F	Sample	i Type(s	·)·	Logged By: Ed Krish Date/Time Sta				
	Contracto		Prosoni	c							
Depth (ft)	Sample ID										
	M-121-0.5	> <		10		SM/GM		n (5YR 5/4), 15% silt with trace clay, 60% sand (very fine- to gravel (commonly 1/8" to 3/4", angular to subangular), dry,			
10	M-121-5 M-121-5D M-121-10	X		10	0.0		ine-grained, angular to subangular), 25% voicaine no unusual odors or staining.	graver (commonly 1/8 to 5/4 , angular to subangular), dry,			
20	M-121-20	>		10	17.2						
30	M-121-30	X		10	2.0						
40	M-121-40	><		6	0.8		From 44 to 45ft: Silty Sand, 75% sand (very fine-gaths and subangular), caliche zone with nodules to 4 1/2".	grained sand with medium- to coarse-grained sand, angular to 45 ft			
50	M-121-50	>		10	3.3	SM (GM)	silty gravel lenses present, brown (5YR 5/5), local	INED FACIES: SILTY SAND and GRAVELLY SAND, with ly very silty to 40% silt with trace clay, gravely zones with 5 to only 1/8" to 1/4", angular to subangular), no unusual odors or			
50	M-121-60	>		10	89.6		From 63 to 67 ft: with 10% granules to 1/4".				
70				13	104.0		From 71 to 72 ft: with 5% granules to 1/8". Damp at 71'				
80	M-121-80			17	0.0		From 77 to 79 ft: with 5% granules to 1/8". From 80 to 82 ft: with 15% granules, fine gravel to From 82 to 89 ft: with 5% granules to 1/8". Wet at 80' From 89 to 92 ft: with 10% granules to 1/4".	▼ 1".			
100	<u>-</u> -			10			From 97 to 102 ft: with 5% granules to 1/8".				

Checked by

Date:

		\mathbb{C}		Client:			Tronox LLC									
				Project	t Numbe	er:	04020-023-151	Boring No. M-121								
				Site Lo	cation:		Henderson, NV									
	220 Avenio			Coordi	nates: 2	2671500	1.237 N, 827694.571 E, NAD 83 El	Sheet: 2 of 2								
Cam	arillo, Cali		3012	Drillin	g Metho	od:	Sonic Monitoring Well Installed:									
	(805) 388	5-3775		Sample	Type(s):	Split Spoon/Core Bo	oring Diameter:	7-inch	Screened Interval:	77-97 feet					
Weather:	Windy, c	old, 30	s F					ate/Time Started:		Depth of Boring:	107 feet					
Drilling C	Contracto	r:	Prosoni	C Ground Elevation: Date/Time Finished: 3/10/06 1:00 pm Water Level: 76.1												
Depth (ft)	Sample ID	Sample Depth (ft)	Blows per 6"	Recovery (feet)	Headspace (ppm)	U.S.C.S	clay) description of co mineralogical features,	ATERIAL IDENTIFICATION, color, description of fine grained material (silt and clay) description of coarse grained material (sand and gravel), structural or mineralogical features, density or stiffness, moisture content, odors or staining. DDY CREEK FM - FIRST COARSE-GRAINED FACIES: SILTY SAND and GRAVELLY SAND, with								
						SM (GM)	MUDDY CREEK FM - FIRST CO. silty gravel lenses present, cont'd	ARSE-GRAINED F	FACIES: SILTY SAI	ND and GRAVELLY SAND	, with 107 ft					
110							Во	otal Depth = 107 fee oring Terminated reget depth achieved								
		-				-	ydrated. The surface was restored.									

Checked by

Date: