EXPLORATION LOG RSAN8-A3

PROJECT: TRONOX PHASE B PROJECT NO.: 20092518V1 EXPLORATION LOCATION: TRONOX AREA 3 EXPLORATION DATE: 10-13-2009												
EXPLORATION SIZE (dia.):6.25" CORE BARRELEQUIPMENT:SEELEVATION:EXISTING GROUND SURFACELOGGED BY:SE					C550-24 SONIC CORE RIG							
ELEVATIO		GROUND SC		LUGGED BT. SEAL	K3/(JARI	_ T					
INITIAL DEPTH TO WATER: NOT ENCOUNTERED DATE MEASURED												
FINAL DEP	TH TO WATE	R: NOT EN	<u>COUNTERE</u> D	DATE MEASURED:	N/A							
							<u> </u>	~		NO		
Elevation/ Depth	SOIL & SAMP SYMBOLS		DESCRIP	TION		H	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION		
							- 0	DI	ď	00		
۰ م				addiab brown (EVD 2/								
- 🗰		FILL	FILL: SAND, SW, dark re 4), 95% fine to coarse sa									
-			medium volcanic gravel, dry									
F												
F		SW	SAND with gravel, reddish brown (5YR 4/4), 90% fine to coarse sand, 10% fine to medium gravel, medium loose to dense, dry, no									
- 2.5												
_			plasticity, small calichifie									
_			reaction									
F												
- 5												
-												
-												
-												
-												
- 7.5												
-												
-												
_												
_												
- 10												
	1 4	1 SVV	Collect RSAN8-10B, PIE									
L	5	0	0.0 ppmV, 11.7 eV = 0.0) ppmV								
Γ												
F												
- 12.5												
F												
F												
F												
F												
- 15												
F												
Ļ												
L												
- т	ne descriptions cont	ained within this a	ploration log apply only at the speci	fic exploration location and at t	he tin	ne the	exploratio	n was mad	le.			
		It is not intend	ed to be representative of subsurfac	ce conditions at other locations	or tir	nes.	onpioratio	was mad				

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.

Figure No.

EXPLORATION LOG RSAN8-A3

EXPLORA	TRONOX PHASE ION LOCATION: ION SIZE (dia.):	TRONO	X AREA 3 DRE BARREL	PROJECT NO.: 200 EXPLORATION DAT EQUIPMENT: SDC	Έ:	10-1	3-2009		IG		
ELEVATIO	N: EXISTING GRO	OUND SU	IRFACE	LOGGED BY: SEA	RS/0	GAR	ΞY				
NITIAL DEPTH TO WATER: NOT ENCOUNTERED FINAL DEPTH TO WATER: NOT ENCOUNTERED				DATE MEASURED: N/A DATE MEASURED: N/A							
ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIP	ΓΙΟΝ	₽	Ц	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION	
- 17.5 - - -		SW	gravel content to 15%								
- 20 - - - - 22.5 - - - - -	22 30 35	SW	Collect RSAN8-20B, PID 0.0 ppmV, 11.7 eV = 0.0 gravel content to 10%								
- 25 - - - - - - - 27.5 -	34	SW	sand is sub-angular to								
- - - 30 -	50/4	SW	Collect RSAN8-28B, PID 0.0 ppmV, 11.7 eV = 0.0 SAND, light reddish brow fine to coarse sand, 5% r to sub-rounded gravel, lo no plasticity, no HCI read	ppmV n (2.5YR 6/4) 95% nedium sub- angular ose to dense, moist,							
- - - 32.5 - -		within this co	wet END OF BORING A Photosoft and the specification log apply only at the specification of subsurface								

Figure No.