-	中门	VL	JE	3			Proj	ect					מז	D No		Sheet	H	iole No.		
		OFFOF					Wells	G & H Reme	dial Inve	stiga	tion		FI	-840	9-01	1 of 5		S77		
U	A Hall	iburton C	ompa	iny			Loca	tion							Angle	from Horiz	<del></del> _			
Begur		omplete	d	Drille	<u> </u>			Aberjona Au Drill Make	o Parts	(NE C						Vertical				
18 FE	- 1	·									Hol	le Dia.		rburo ft)	len	Rock (ft)	To	tai Depti		
	Recover	v (ft)		NEBC	e Bxs	<u> </u>		Mobile B53		·		5"	13	8.5		NA	138.5			
		, (,		Cor	e DXS	Sample	es	El. Top of Ca	•	\$77S	und E S-44.	56 S77S	5-44.73			Depth to	Горс	f Rock		
Sampl	e Hamm	er Weigh	t/Fall	16		Casin	ng	<del></del> -		<u>577D</u>	-44.8	9 S778	M-44.69			130'				
140	0 lbs/30"					Solid Scree	Sci en 0.0	h 80 PVC 1.5" 110 slot	I.D.			Baid								
		F	юск			<del></del> _	SOIL					Daid	yga		<del></del>					
	Sample				Pen/Red		pth rval		$\neg$				ļ							
Depth	No.	(in)		₹QD	(in)		t)	Blows/6"		Ç	₩e onstri	ell uction		St	ratum	Description		Notes		
	01		-		26/0			_			, .							140162		
			$\neg \vdash$		24/9	0-	2	9/6/10/8												
									-				8							
i	ļ. <u></u>			$\dashv$									83							
5	02		+	-					$\exists \perp$			<b>22</b>								
	- 02		+-	-	24/10	5-7	<del></del>	2/2/2/2					dk	GR F	/M SA	ND				
								<del></del>								Ottawa Sand	7'			
- }									自				3//	/55 To	op of s	creen 8'				
.0			- -	_					一日								-			
ŀ	03		+		24/18	10-1	2	4/4/5/6	] H				lt C	R F	SAND,	TR Silt				
ŀ			+	-+		+		<del></del>	-  <b> </b>											
			1	_		<del> </del>			-  □				S77	SS Bo	ottom o	of screen 13	'			
5								<del>                                     </del>	┥				1+ 0	PF	SAND	TR Silt				
-	04		┼		24/24	15-1	7	2/2/7/8	1						JAI40,	ik siit				
<u> </u>			┼														-			
-			+-	+		+		+	4								-			
			1	_		+		<del></del>	-											
-	05				24/18	20-22	2	1/4/5/7	1					NEC	410	TR Silt				
-			ـــــ						1					W F 3	AND,	IK SIIT				
<u> </u>			<del> </del> -			<u> </u>			]				\$775	Тор	of Ott	awa Sand 23	1.5			
			<del> </del>	+-	·			<del> </del>	-		}									
	06			7	24/18	25-27		6/2/2/13	ł F	┧╽										
-								0/2/2/13	1 7	7						ID, TR Silt en 25'		ŀ		
-									1 F	7			3//3	гор	or scre	en 23'				
-				+-						] [			ä							
	07			+-,	4/12	30-32		11/15/2010		]			'.1			screen 30°		ĺ		
					*// * 2	70-32		51/45/28/21								AND, SO F	1			
<u> </u>													50 F	Sand	, TR S	ilt				
ANULA	AR SOIL	5 00	OPOR	TION		4 11 2 2				1			il V				1			
vs/Ft	Density	,	USE		3	ABBR	EVIAT	IONS					1							
	V. Loos	Litt	e (TR e (LI)	) 0-	10% -20%	F-Fine M-Med									•					
30 50	M. Dens	se Some	e (SO)	20	- 35%	C-Coar	rse											1.		
	V. Dens			33	-50%	F/M-Fi	ine to	Medium Coarse												
						V-Very GR-Gra		<del></del>												
						BN-Bro	wn													
						YEL-Y	ellow											- 1		

S77SS sealed in overburden with cement/bentonite slurry from 7' to GS.
 S77S sealed in overburden with cement/bentonite slurry from 23.5' to GS.



Project

Wells G & H Remedial Investigation

TDD No. F1-8409-01 Sheet 2 of 5

Hole No. S77

Location

Aberjona Auto Parts

<del> </del>	T	ROC	346	<del></del>		7,000			
Depth	Sample No.	Core/Rec		Pen/Rec (in)	Depth Interval (ft)	Blows/6"	Well Construction	Stratum Description	Notes
	08			24/24	35-37	7/10/12/10		tan SIL T	
									:
40									-
, ,,	09			24/24	40-42	8/11/10/12	1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	tan SILT	
45	10			24/24	45-47	15/13/15/17			
						13/13/13/17		tan SILT, more compact than above	
50									
ŀ	11			24/16	50-52	15/21/27/34		BN F SAND and SILT	
							-		
55	12			24/24	55-57	13/15/14/18			
-						13/13/14/18		M/C BN SAND	
60									
-	13			24/24	60-62	12/13/19/19		F/C C GRAVEL, SO C BN	
-								SAND, grading with depth	ŀ
65	14			24/24	65-67	25/15/16/24			
-						27,13/10/24		I/C BN SAND	
CHARK			!_	<u>-</u>		I	i i manana S	77M Top of Ottawa Sand 68'	3

REMARKS:

3. S77M sealed in overburden with cement/bentonite slurry from 68' to GS.



Project

Wells G & H Remedial Investigation

TDD No. F1-8409-01 Sheet
3 of 5

Hole No. S77

Halliburton Company

----

	·	unturi Comp		<del>,</del>		Aberjona Auto Parts							
	Sample	ROC Core/Rec	<u> </u>	Pen/Rec	Depth	OIL .							
Depth	No.	(in)	RQD	(in)	Interva (ft)	Blows/6"	Well Construction	Stratum Description	Notes				
70	15						<u> </u>		-				
				24/24	70-7	2 35/30/22/27		M/C BN SAND S77M Top of screen 70'					
75								S77M Bottom of screen 751					
80	16			24/24	80-82	33/38/30/21		10" F/C SAND, 14" M/C GRAVEL, TR M Sand					
}													
85	17			8/6	85-87	147.8		F/M GRAVEL, SO C Sand					
90													
-	18			24/20	90-92	22/22/23/27		F/C SAND, TR Silt					
95													
-													
100	19			21/6:									
_ 	17			24/24	100-102	12/34/31/60		tan F silty SAND, very compact					

REMARKS:



Project
Wells G & H Remedial Investigation

TDD No. F1-8409-01 Sheet 4 of 5

Hole No. 877

Location

Aberjona Auto Parts

	1	ROC	·ĸ			Aberjona Auto Pa	<del></del>		
Depti	Sample No.	1		Pen/Rec (in)	SOIL Depth Interval ([1)	Blows/6"	Well Construction	Stratum Description	Note
105									
110	20			24/15	110-112	30/35/36/60		GR SILT, compact	
115	21			24/24	115-117	14/22/31/46		60.50.5	
1 20	22			24/22	120-122	32/39/48/52			
125								e	
130	23			24/0	130-132	4/6/38/27		No Recovery	
135								S77D Top of Ottawa Sand 130 S77D Top of screen 133.5' NESTED BOULDERS from 130'	4 4

REMARKS:

4. S77D sealed in overburden with cement/bentonite slurry from  $130^{\rm t}$  to GS.



Project	TOD No.	Sheet	Hole No.
Weils G & H Remedial Investigation	F1-8409-01	5 of 5	S77
Location			

Aberjona Auto Parts

		ROCK			SOIL				
Depth	Sample No.	Core/Rec (in)	RQD	Pen/Rec (m)	SOIL Depth Interval (ft)	Blows/6"	Well Construction	Stratum Description	Notes
								\$77D Bottom of screen 138.5' EOB 138.5'	
140									
							-		
}									
							·		
-									
-									
-									
-		-							
EMARK									

REMARKS: