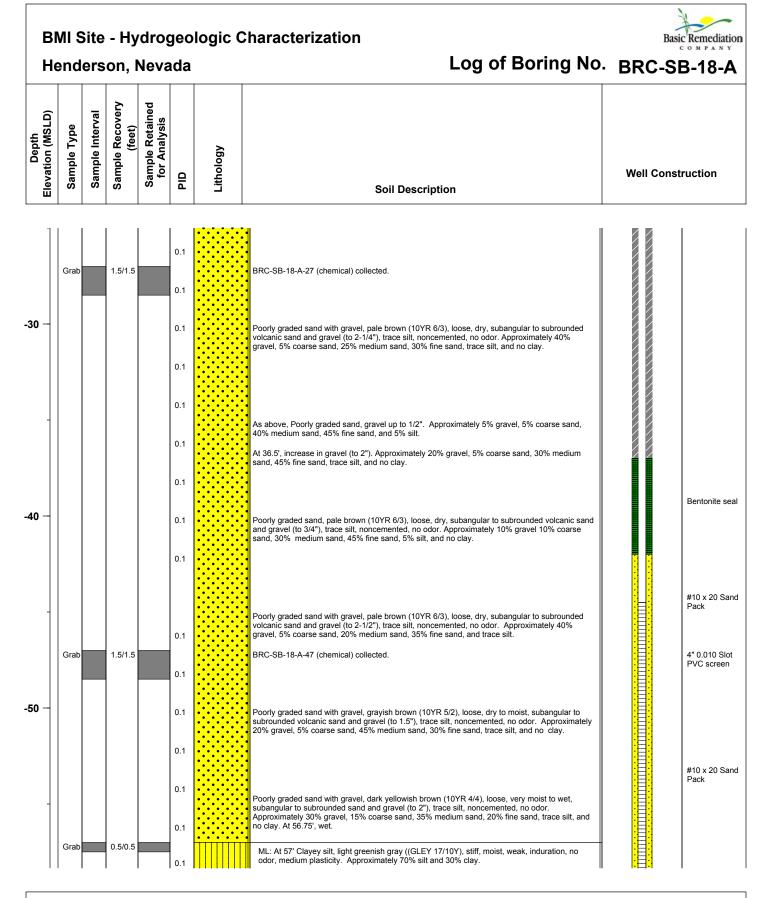
BM	II Si	ite -	Нус	-	eol		SB-18-A aracterization	I		Ba	sic Remediation
Drill Drill Drill	ling I ling E ling (Meth Equi Cont	od: R pmen tractor	t: Rot	Soni ary S sonie		on	Borehole Total De Borehole Diameter Boring Location: Depth to Water (ft.	8.5 in Location 18 (Well ID: AA	-18) ∽	
	-		-	it spoc	on			Monitoring W	/ell Construction		
Sample Interval5 ftType of Surface Seal:Logged By:J. Wiley/A. NorrisBlank Casing Type/Size:Date Started:6/21/04Screen Type/Size:Date Completed:6/22/04Transition Sand Type:								Bentonite-Grout 4" Sch 80 PVC 4" Sch 80 PVC N/A	Screen Slot Size: Top of Screen (ft. bgs): Bottom of Screen (ft. bg Type of Sand Pack:	0.010 in 44.5 ft bgs (10 x 20	
ptn (MSLD)	Type	Sample Interval	Sample Recovery (feet)	Sample Retained for Analysis							-
Depth Elevation (MSLD)	Sample Type	Sample	Sample (fi	Sample for An	DIA	Lithology		Soil Description		Well Con	struction
0_	Grab		1.5/1.5		0.2		hydration of bentonite sea non- cemented, no odor, t 50% medium sand, 25% fi	race roots, trace silt. Approximate ine sand. Trace silt and no clay.	10YR4/4), loose, moist (due to volcanic sand and gravel (to 1/2"), ely 15% gravel, 10% coarse sand,		Locking monument wel box with concrete apror and ballards
-					0.1		volcanic sand and gravel (to	ellowish brown (10YR6/4), loose, o 4"), non-cemented, no odor, tra	ce silt. Approximately 10% gravel,		Cement Bentonite
	Grab		1.5/1.5		0.1		At 7', increased gravel. App	lium sand, 20% fine sand. Trace roximately 20% gravel, 10% coa Jay. BRC-SB-18-A-7 (chemical)	rse sand, 60% medium sand, 10%		Grout
0 -					0.1		subrounded volcanic sand	with sand, pale brown (10YR 6/3 and gravel (to 3/4"), noncementi , 10% coarse sand, 15% mediun			4" Blank PVC Riser Pipe
					0.1		At 12', fewer larger gravel (t medium sand, 5% fine sand	o 2.5"), dry. Approximately 60% I, trace silt and no clay.	gravel, 15% coarse sand, 20%		
	Grab		1.5/1.5		0.1		subrounded volcanic sand 5% gravel, 10% coarse sa Poorly graded sand with gra	nd, 50% medium sand, 30% fine avel, light yellowish brown (10YR	cemented, no odor. Approximately sand, 5% silt, and no clay.		
20 -					0.1 0.1			nd, 55% medium sand, 15% fine	sand, trace silt, and no clay. BRC-		
					0.1		subangular to subrounded odor, trace silt. Approxima sand, trace silt, and no cla	tely 20% gravel, 25% coarse sar y.	ravel (to 3/4"), noncemented, no id, 30% medium sand, 25% fine		
					0.1		subrounded volcanic sand	ith gravel, pale brown (10YR 6/3 and gravel (to 1-1/2"), trace silt, , 5% coarse sand, 35% medium			

Log of Boring: BRC-SB-18-A

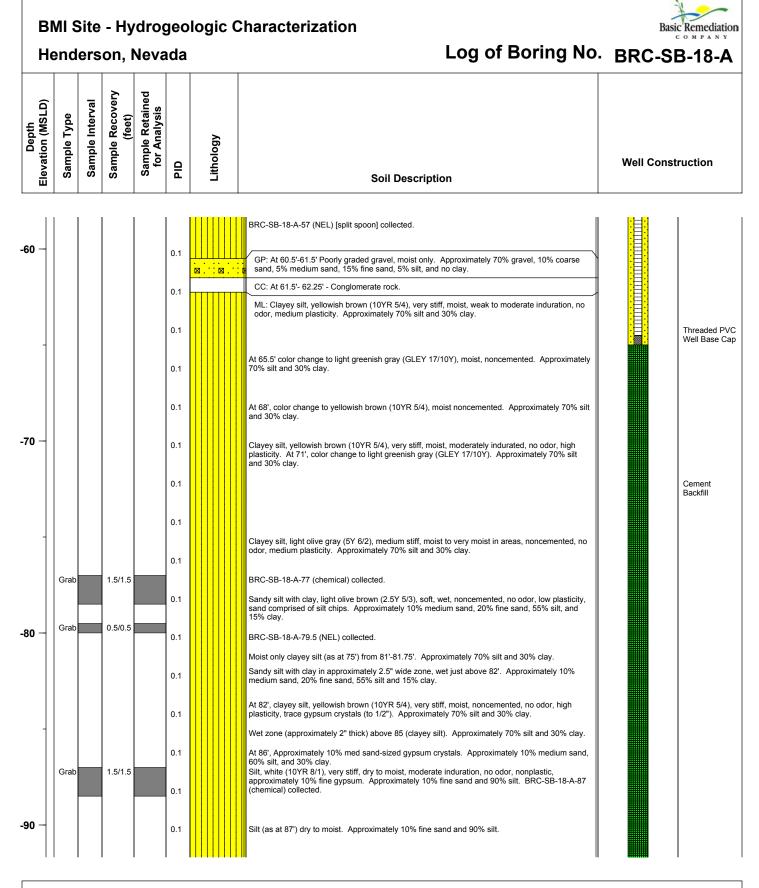
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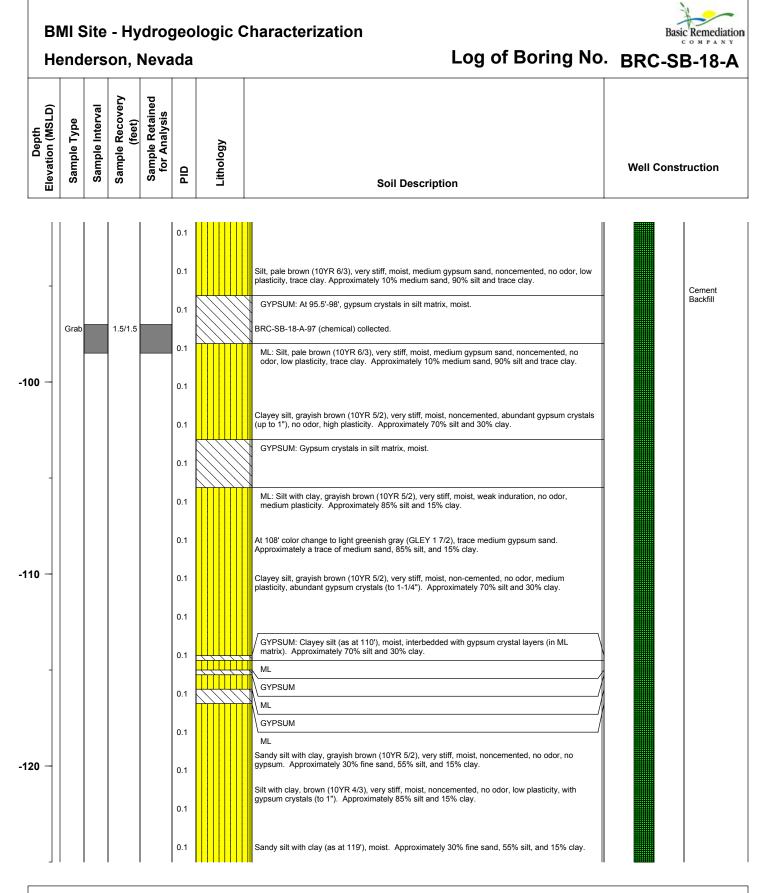
Log of Boring: BRC-SB-18-A

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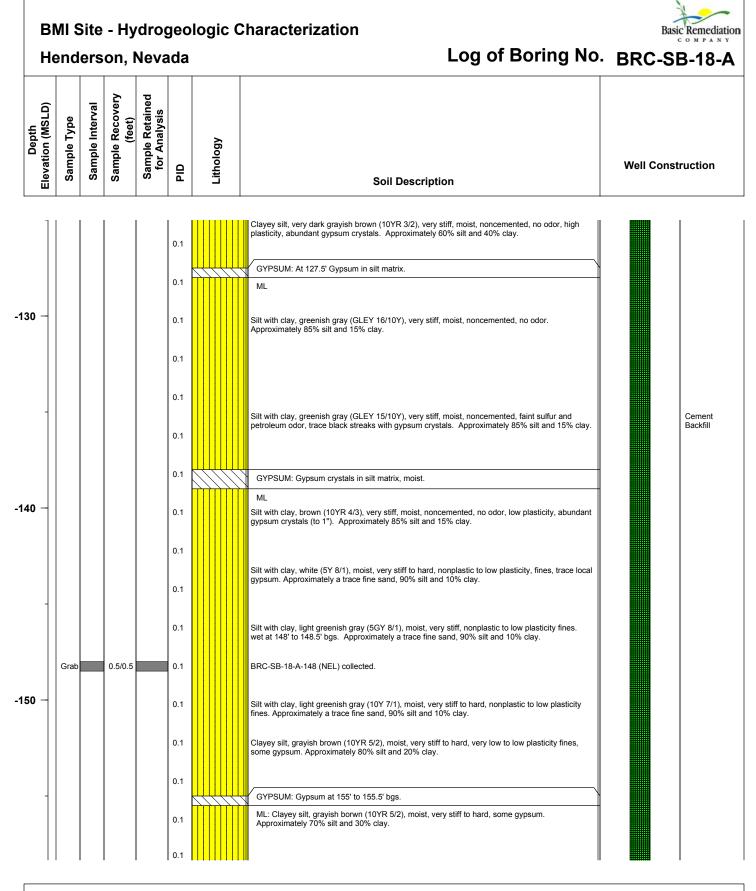
Log of Boring: BRC-SB-18-A

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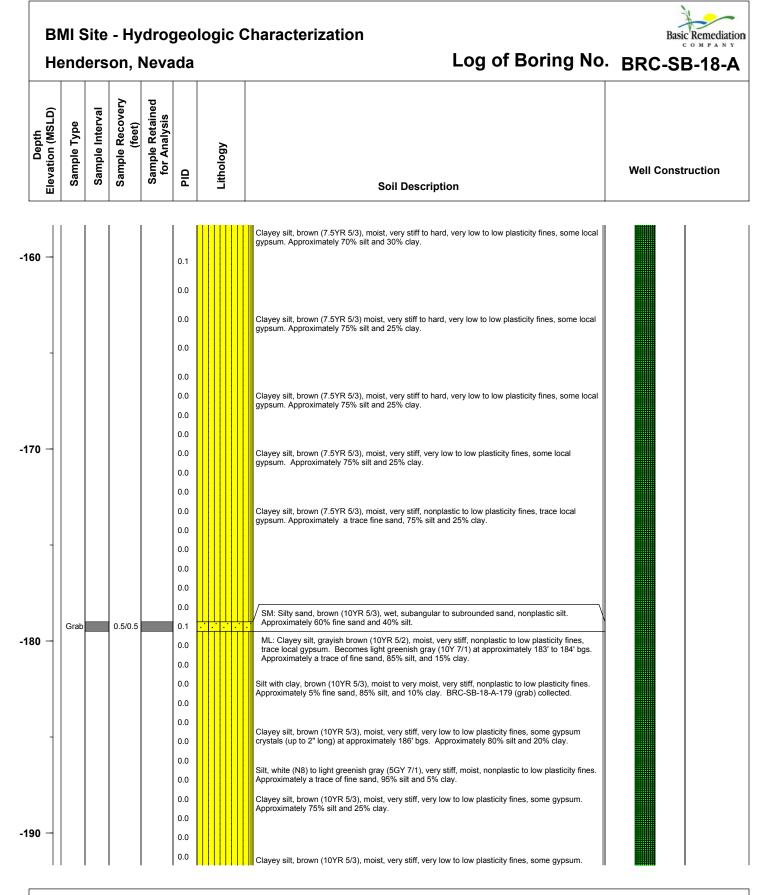


Log of Boring: BRC-SB-18-A

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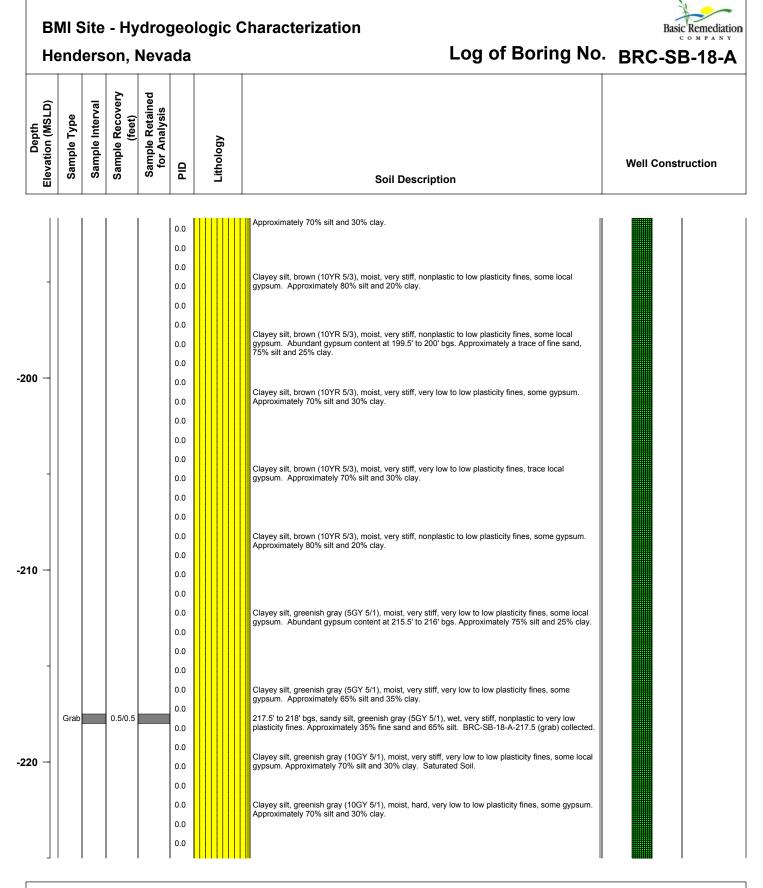


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Log of Boring: BRC-SB-18-A

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Log of Boring: BRC-SB-18-A

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B	BMI Site - Hydrogeologic Characterization						Basic Remediation		
He	end								
Depth Elevation (MSLD)	Sample Type	Sample Interval	Sample Recovery (feet)	Sample Retained for Analysis	PID	Lithology	Soil Description	Well Construction	
-230 -					0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		Clayey silt, light greenish gray (5GY 7/1), moist, very stiff, very low to low plasticity fines, some local gypsum. Approximately 75% silt and 25% clay. Clayey silt, dark greenish gray (10Y 4/1), moist, very stiff, very low to low plasticity fines, some local gypsum, some local laminations. Approximately 70% silt and 30% clay. Clayey silt, dark greenish gray (10Y 3/1), moist, very stiff, very low to low plasticity fines, some local gypsum. Approximately 70% silt and 30% clay. Clayey silt, dark greenish gray (10Y 3/1), moist, very stiff, very low to low plasticity fines, some local laminations, some local gypsum. Approximately 70% silt and 30% clay.	Cement Backfill	
-240 -					0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		Clayey silt, dark greenish gray (5GY 5/1), moist, very stiff, very low to low plasticity fines, some local laminations, some local gypsum. Approximately 70% silt and 30% clay. Clayey silt, greenish gray (10Y 5/1), moist, very stiff to hard, very low to low plasticity fines, some local laminations, some local gypsum. Approximately 70% silt and 30% clay. Clayey silt, greenish gray (5GY 6/1), moist, very stiff, very low to low plasticity fines, some local laminations, some local gypsum. Approximately 70% silt and 30% clay.		
-250 —					0.0 0.0 0.0 0.0 0.0 0.0 0.0		Clayey silt, greenish gray (10Y 5/1), moist, very stiff, nonplastic to low plasticity fines, some gypsum. Approximately 70% silt and 30% clay. Clayey silt, greenish gray (10Y 5/1), moist, very stiff to hard, nonplastic to very low plasticity fines, some gypsum. Approximately 70% silt and 30% clay. Clayey silt, dark greenish gray (5GY 4/1), moist, hard, very low to low plasticity fines, some gypsum. Approximately 65% silt and 35% clay.	Cement Backfill	

MWH

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