TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH01	SITE NAME: King Addie Mini Mart	CLIENT NAME: ~~Oxy~~ GSH
Date Started: 7-12-21	Location: CR 29 1/2 mile 12	
Date Completed: 11	TOC Elevation:	DTW: ~7' bgs
Type of Drill: AMS power probe	Geologist: Justin Covey	
Bit Size: 2.35"	Project Manager: Mike Jahn	
Drilling Company: Tasman / Alex		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	BC Silica Sand Bent & onite Chips	HA	100%	0.9	NA	Brown SP	Silty CLAY (CL) - moist, ~~so~~ some fine grained sand, med. plasticity, soft,
2				0.9			@ 6" Brown, SAND (SP), moist, fine grained, poorly graded, med. dense
3				0.9			
4				1.0			
5				1.2		CL	@ 4' light brown Lean CLAY w/ sand (CL) - moist, low plasticity, soft, fine grained, trace organics
6				0.2			
7		GMC		0.5		CL	
8				0.5			@ 7' ~~SAND~~ light brown, SAND (SP) wet, poorly graded, med. dense, fine grained, iron staining,
9				0.7			
10			100%	1.1	NA	SP	
11				0.12			
12				0.5			
13				0.7			
14				0.4			@ 13' some med. to coarse grained sand
15							@ ~~14'~~ 13.5' becomes fine grained
16							TD = 14' bgs
17							Observed moisture 7'
18							DTW 8.69
19							
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23							
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH02	SITE NAME: King Addie Mcal	CLIENT NAME: FSH
Date Started: 7.12.21	Location: CR 24 1/2 and 12	
Date Completed: "	TOC Elevation:	DTW: ~10' bgs
Type of Drill: AMS Powerprobe	Geologist: Justin Covey	
Bit Size: 2.35"	Project Manager: Mike Jann	
Drilling Company: Tasman / Aley		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bento nite chips			0.0		SP	Brown; Clayey SAND - (SP-SC) - moist, poorly graded, fine grained, low plasticity, medium
2				0.1			
3		HA	100%	0.4	NA	CL	~~Bro~~ @ 2' Brown, Sandy CLAY (CL) - moist ~~mst~~ stiff, med. plasticity, poorly graded, fine grained
4				0.16			
5	Silica			0.7		SP	@ 4' Brown, SAND (SP) - moist, dense, fine grained
6				0.9	NA		
7	Sand			0.7		SP	@ 6' some SILT
8				0.4			
9				0.2		CL	@ 8' light brown, Silty CLAY (CL) moist, trace organics, medium, low plasticity, trace fine sand.
10				0.4			
11		CME	100%	0.4			@ 10' ~~bg~~ ~~beco~~ light brown SAND (SP) - Wet, loose, poorly graded, some iron staining.
12				1.2	NA	SP	
13				0.8			
14				1.5			
15				1.0			
16				1.4			
17				1.2			
18				1.2			
19							TD = 18' bgs
20							Moisture observed at 10'
21							DTW 10.25
22							
23							
24							
25							

TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH03	SITE NAME: King Addie Mound	CLIENT NAME: GSH
Date Started: 7.12.21	Location: CR 29 1/2 & 12	
Date Completed: "	TOC Elevation:	DTW: ~7.5' bgs
Type of Drill: AMS Power Probe	Geologist: Justin Covel	
Bit Size: 2.35"	Project Manager: Mike Jahn	
Drilling Company: TASMAN - ALEX		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bent chips / bentonite chips			0.2		CL	Brown, silty CLAY (CL) - moist, stiff, low plasticity
2				0.7			
3		HA	100%	0.6	NA		
4				0.6		@ 3' becomes medium plasticity	
5				0.4			@ 5' brown SAND (SP) - moist, loose, fine grained
6				0.3		SP	@ 5.5' brown, silty SAND (SP) moist medium dense, fine grained, poorly graded
7	Silica sand			0.6		SP	
8				1.0			@ 7.5' No silt, becomes wet
9				0.8			@ 8' - 4" organic ~~layer~~ stringer, black.
10		GMC	100%	0.8	NA		
11				0.8			
12				1.0			@ 12' becomes fine to medium grained
13				0.8			
14				0.6			@ 14.5' becomes fine grained
15							TD = 14' bgs
16							Moisture observed @ 7.5' bgs
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH04	SITE NAME: KING ADDIE MINE	CLIENT NAME: GSH
Date Started: 7.12.21	Location: CR 29 1/2 + 12	
Date Completed: "	TOC Elevation:	DTW: ~8' bgs
Type of Drill: AMS PowerProbe	Geologist: JUSTIN COVEY	
Bit Size: 2.35"	Project Manager: Mike Sahn	
Drilling Company: TASMAN-ALEX		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite CHIPS	HA	100%	0.4	N/A	CL	brown, silty CLAY (CL) moist, medium dense, low plasticity, trace fine grained sand.
2				0.3			
3				0.1		SP	
4				0.1		SP-SC	@ 3' brown, silty SAND (SP) moist loose, fine grained, poorly graded
5				0.1			@3' brown Clayey SAND (SP-SC) - moist soft, low plasticity, poorly graded
6				0.0			
7		GMC	50%	1.0	N/A		
8				0.8			
9	SILICA SAND					SP	@8' brown ~~silty~~ SAND (SP) wet, fine to med grains, poorly graded
10							
11							
12			0%				
13							
14							
15							TD = 14' bgs
16							Moisture Observed @ 8' bgs
17							
18							
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH05	SITE NAME: KING ADDIE MILL	CLIENT NAME: GSH
Date Started: 7.12.21	Location: CR 29½ & 12	
Date Completed: 11	TOC Elevation:	DTW: ~10' bgs
Type of Drill: AMS PowerProbe	Geologist: Justin Covey	
Bit Size: 2.35"	Project Manager: MIKE JAHN	
Drilling Company: TASMAN - ALEX		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips	HA	100%	1.3	NA	CL	0-2 Brown silty clay, moist, stiff med plast, NO HC S/O
2				0.5			
3				0.9			2-6 Brown clay w/ sand, moist, stiff, med plast, NO HC S/O 5-6 wet
4				0.8		CL	6-7 Dark Brown clay w/Sand, moist soft, med plast, NO HC S/O
5				0.5			7-8 Brown well graded Sand, dry medium grain
6				0.4			
7	Silica Sand	GMC	2.5' 62%	0.6	NA	CL	8-8.5 Same as above, black, HC S/O
8				0.8		SP	10-11 Brown clayey sand, wet, f. grain med dense, sand HC S/O
9				73.4			
10				MA			11-14 Same as above, no HC S/O
11		GMC	4' 100%	19.3	NA	SP-SC	
12				0.8			
13				15.2			
14				0.7			
15							TD = 14' bgs
16							Moisture Observed @ 10' bgs
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH0~~4~~6	SITE NAME: King Addie MGU1	CLIENT NAME: GHS	
Date Started: 7.12.21	Location: CR 29½ & 12		
Date Completed: "	TOC Elevation:	DTW: ~8' bgs	
Type of Drill: AMS PowerProbe	Geologist: JUSTIN COVEY		
Bit Size: 2.35"	Project Manager: MIKE JOHN		
Drilling Company: TASMAN - ALEX			

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips	HA	100%	0.0	NA	CL	Brown, Silty CLAY (CL) moist, low plasticity, Medium, trace fine sand
2				0.5			
3				0.0			
4				0.6			
5				0.3			
6				0.1			
7	Silica Sand	GMC	100%	0.4	NA	SP	@8' brown SAND (SP) - Wet, fine to medium grained, loose, some black organic staining, poorly graded
8				6.7			
9				34.0			
10				1.7			@8.5' No staining + Becomes fine grained
11				0.6			
12				1.1			
13				0.9			
14				0.4			
15							TD = 14' bgs
16							Moisture observed @ 8' bgs
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH07	SITE NAME: King Addie MGU1	CLIENT NAME: GSH	
Date Started: 7.12.21	Location: CR 29 1/2 + 12		
Date Completed: "	TOC Elevation:	DTW: ~7.5' bgs	
Type of Drill: AMS PowerProbe	Geologist: Justin Covey		
Bit Size: 2.35"	Project Manager: Mike Sahn		
Drilling Company: TASMAN - ALEX			

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips			0.8		CL	0-4 Brown silty clay, ~~sandy~~ stiff, low plast, NO ox NO HC S/O
2				0.2			
3		HA	100%	0.0	NA		4-6 Gray ish black well graded Sand moist to wet, med dense, f. grain NO oxidation, Organic stain and smell, NO HC S/O
4				0.8			
5				3.8		SP	6-6.5 Black ~~sandy~~ clayey Sand, wet loose, f. grain, NO Oxidation, NO HC S/O organic stain and smell.
6				1.8			
7				0.6		SP-SC	6.5-7.5' Lt Brown, clayey sand moist, f. grain, stiff, NO ox NO HC S/O
8		GMC	1.5'	0.2	NA	SP	
9	Silica Sand			NR			7.5-14 same as above, flowing
10							
11				0.0			
12		GMC	4'	0.2	NA	SP	
13				0.1			
14				0.6			
15							TD = 14' bgs
16							Moisture Observed @ 6' bgs
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25							

TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH08	SITE NAME: King Addie	CLIENT NAME: ~~DOT~~ GSH
Date Started: 7.13.21	Location: CR 29½ 412	
Date Completed: "	TOC Elevation:	DTW: ~8' bgs
Type of Drill: AMS PowerProbe	Geologist: Justin Covey	
Bit Size: 2.35"	Project Manager: Mike SATW	
Drilling Company: TASMAN-ALEX		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips	NA	100%	0.4	NA	SP	Brown, SAND (SP), moist, ~~medium~~ medium dense, ~~very fine to~~ fine grained, poorly graded,
2				0.0			
3				0.3			
4				0.2			
5				0.0			
6				0.5			
7	Silica Sand	GMC	100%	0.5		SP	
8				0.4			becomes wet @ 8'
9				0.5			
10				0.5			
11		GMC	50%	0.4	NA		
12				0.3			
13							
14							TD = 14' bgs
15							Moisture observed @ ~8' bgs
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH09	SITE NAME: King Addie	CLIENT NAME: ~~Oxy~~ GSH
Date Started: 7.13.21	Location: CR 29½ & 12	
Date Completed: "	TOC Elevation:	DTW: ~8' bgs
Type of Drill: AMS PowerProbe	Geologist: Justin Covey	
Bit Size: 2.35"	Project Manager: Mike Sahn	
Drilling Company: TASMAN - Alex		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips	NA	100%	0.5	NA	SP	brown, silty SAND (SP) moist, medium dense, ~~very fine to~~ fine grained, poorly graded
2				0.5			
3				0.5			
4				0.5			
5				0.5			
6				0.4			
7	Silica Sand	GMC	75% 6"	0.4	NA	SP	
8				0.4			
9				0.3			becomes wet @ 8'
10							
11		GMC	~~85%~~ 58%	0.3			
12				0.2			
13							
14							
15							TD = 14' bgs
16							Moisture Observed @ 8' bgs
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH10	SITE NAME: King Addie	CLIENT NAME: ~~Oxy~~ GSH
Date Started: 7.13.21	Location: CR 29 1/2 + 12	
Date Completed: "	TOC Elevation:	DTW: ~8' bgs
Type of Drill: AMS PowerProbe	Geologist: JUSTIN COUEY	
Bit Size: 2.35"	Project Manager: Mike Sahn	
Drilling Company: TASMAN - ALEX		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips			0.4		SP	brown, Silty SAND (SP) - moist, med dense, fine grained, poorly graded.
2				0.4			
3				0.2			
4				0.8			
5				0.8			
6		N/A	100%	0.3			
7	Silica Sand			1.0	N/A		
8				0.8			
9				0.7			becomes wet @ 8' bgs
10				0.4			
11				0.6			
12				0.6			
13				0.5			TD = 13' bgs
14							Moisture Observed @ 8' bgs
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TASMAN GEOSCIENCES

Borehole Logging Form

Boring/Well ID #: BH11	SITE NAME: King Addie	CLIENT NAME: ~~Oxy~~ GSH
Date Started: 7.13.21	Location: CR 29½ & 12	
Date Completed: "	TOC Elevation:	DTW: ~6.5' bgs
Type of Drill: AMS PowerProbe	Geologist: JUSTIN COVEY	
Bit Size: 2.35"	Project Manager: Mike Sahn	
Drilling Company: TASMAN- ALEX		

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1–6	Bentonite Chips	HA	100%	0.5, 1.4, 1.7, 2.0, 1.9, 1.8	NA	SP-SC	brown, Sandy CLAY (SP-SC) - moist, soft, low plasticity, fine grained, poorly graded
7–10	Silica Sand	GMC	75%	0.5, 0.5, 0.0		SP	~~@ 6.5' brown, CLAY (SC) - moist, medium plasticity, soft, fine grained, becomes wet~~ @ 6.5' brown, SAND (SP) - wet, medium dense, fine grained
11–14		GMC	50%	0.1, 0.5	NA		
15–25							TD = 14' bgs Moisture Observed @ ~6.5' bgs