

Boring/Well ID #: BH01		SITE NAME: King Addie M G4		CLIENT NAME: Exe GSH	
Date Started: 7-12-21		Location: CR 29 1/2 add 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 Tahn			
Drilling Company: Tasman / Alex					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	BL Silt sand Bentonite Ch IPS	H#	100%	0.9	NA	SP	Brown silty clay (CL) - moist, some fine grained sand, med. plasticity, soft, @ 6" Brown, SAND (SP) moist, fine grained, poorly graded, med. dense
2				0.9			
3				0.9			
4	Silt sand	GMC	100%	1.0	NA	CL	@ 4' light brown lean clay w/ sand (CL) - moist, low plasticity, soft, fine grained, trace organics
5				1.2			
6				0.2			
7				0.5			
8				0.5			
9				0.7			
10				1.1			
11				0.14			
12				0.5			
13				0.7			
14	0.4	NA	SP	@ 13' some med. to coarse grained sand			
15				@ 14' becomes fine grained			
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

TD = 14' bgs
 Observed moisture 7'
 DTW 8.69

Borehole Logging Form

Borehole Logging Form

Boring/Well ID #: BH03	SITE NAME: King Addie W. Gul	CLIENT NAME: GSH
Date Started: 7.12.21	Location: CR 29 1/2 4 12	
Date Completed: "	TOC Elevation:	DTW: -7.5' bgs
Type of Drill: AMS Power Probe	Geologist: Justin Cover	
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	Ban chips	HA	100%	0.2	NA	CL	brown, silty CLAY (CL) - moist, stiff, low plasticity
2				0.7			
3				0.6			
4				0.6			@ 3' becomes medium plasticity
5	Silica sand	GMC	100%	0.4	NA		@ 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				0.6		SP	
8				1.0			@ 7.5' No SILT, becomes wet
9				0.8			@ 8' - 4" organic layer starting, black.
10				0.8			
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
17							
18							
19							
20							
21							
22							
23							
24							
25							

Boring/Well ID #: BH04		SITE NAME: KING ADDIE M GU 1		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 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	Bentonite	HA	100%	0.14	NA	CL	brown, silty CLAY (CL) moist, medium dense, low plasticity, trace fine grained sand.
2							
3							
4							
5							
6	SILICA SAND	GMC	50%	0.1	NA	SP-SC	@ 3' brown, silty SAND (SP) moist, loose, fine grained, poorly graded @ 3' brown clayey SAND (SP-SC) - moist soft, low plasticity, poorly graded
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	SAND	GMC	0%	X	NA	SP	@ 8' brown CLAY SAND (SP) wet, fine to med grains, poorly graded
17							
18							
19							
20							
21							
22							
23							
24							
25							

TD = 14' bgs
 Moisture Observed @ 8' bgs

Boring/Well ID #: <u>BH05</u>		SITE NAME: <u>KINDA ADDIE M GUL</u>		CLIENT NAME: <u>GSH</u>	
Date Started: <u>7.12.21</u>		Location: <u>CR 29 1/2 + 12</u>			
Date Completed: <u>1'</u>		TOC Elevation:		DTW: <u>~10' bgs</u>	
Type of Drill: <u>AMS PowerProbe</u>		Geologist: <u>Justin Covey</u>			
Bit Size: <u>2.35"</u>		Project Manager: <u>MIKE JAW</u>			
Drilling Company: <u>TASMAN - ALX</u>					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	<u>Bentonite</u> <u>Chips</u>	<u>HA</u>	<u>100%</u>	<u>1.3</u>	<u>NA</u>	<u>CL</u>	<u>0-2 Brown silty clay, moist, stiff med plast, NO HC S/O</u>
2				<u>0.5</u>		<u>CL</u>	<u>2-6 Brown clay w/ sand, moist, stiff, med plast, NO HC S/O f-b wet</u>
3				<u>0.9</u>		<u>CL</u>	<u>6-7 Dark Brown clay w/ sand, moist soft, med plast, NO HC S/O</u>
4				<u>0.8</u>			<u>7-8 Brown well graded sand, dry medium grain</u>
5				<u>0.5</u>			<u>8-8.5 Same as above, black, HC S/O</u>
6				<u>0.4</u>			<u>10-11 Brown clayey sand, wet, f. grain, med dense, sand HC S/O</u>
7	<u>SILICA</u> <u>SAND</u>	<u>GMC</u>	<u>25</u> <u>62%</u>	<u>0.6</u>	<u>NA</u>	<u>CL</u>	<u>11-14 Same as above, NO HC S/O</u>
8				<u>0.8</u>		<u>SP</u>	
9				<u>73.4</u>			
10				<u>NA</u>			
11	<u>SILICA</u> <u>SAND</u>	<u>GMC</u>	<u>4'</u> <u>100%</u>	<u>15.3</u>	<u>NA</u>	<u>SP-SC</u>	
12				<u>0.8</u>			
13				<u>15.2</u>			
14				<u>0.7</u>			
15							<u>TD = 14' bgs</u>
16							<u>Moisture Observed @ 10' bgs</u>
17							
18							
19							
20							
21							
22							
23							
24							
25							

Boring/Well ID #: <u>BH0416</u>		SITE NAME: <u>King Addie M GU1</u>		CLIENT NAME: <u>GHS</u>	
Date Started: <u>7.12.21</u>		Location: <u>CR 29 1/2 + 12</u>			
Date Completed: <u>11</u>		TOC Elevation:		DTW: <u>~8' bgs</u>	
Type of Drill: <u>AMS PowerProbe</u>		Geologist: <u>JUSTIN COVEY</u>			
Bit Size: <u>2.35"</u>		Project Manager: <u>MIKE JAHN</u>			
Drilling Company: <u>TASMAN - Alex</u>					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite Chips	HSA	100%	0.0	NA	CL	brown, silty CLAY (CL) moist, low plasticity, medium, trace fine sand
2				0.5			
3				0.0			
4				0.16			
5				0.3			
6				0.1			
7	Silica Sand	GMC	100%	0.4	NA	SP	@ 8' brown SAND (SP) - Wet, fine to medium grained, base, some black organic staining, foot in @ 8.5' No staining + becomes fine grained
8				6.7			
9				34.0			
10				1.7			
11				0.16			
12				1.1			
13				0.9			
14				0.16			
15							TD = 14' bgs
16							Moisture observed @ 8' bgs
17							
18							
19							
20							
21							
22							
23							
24							
25							

Boring/Well ID #: <u>BH07</u>		SITE NAME: <u>King Addie M GU1</u>		CLIENT NAME: <u>GSA</u>	
Date Started: <u>7.12.21</u>		Location: <u>CR 29 1/2 ~ 12</u>			
Date Completed: <u>"</u>		TOC Elevation:		DTW: <u>~ 7.5' bgs</u>	
Type of Drill: <u>AMS PowerProbe</u>		Geologist: <u>JUSTIN CONEY</u>			
Bit Size: <u>2.35"</u>		Project Manager: <u>Mike Sahn</u>			
Drilling Company: <u>TASMAN - Alex</u>					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	<u>Bentonite</u>			0.8		<u>CL</u>	0-4 Brown silty clay, stiff stiff, low plast, No ex No HC S/D
2							
3							
4							
5	<u>Chips</u>	<u>HA</u>	<u>100%</u>	0.0	<u>NA</u>		4-6 Grayish black well-sorted sand moist to wet, med dense, f. grain No oxidation, organic stain and swell, NO HCS/D
6							
7							
8							
9	<u>Silica</u>	<u>GMC</u>	<u>15'</u>	0.8	<u>NA</u>	<u>SP</u>	6-6.5 Black sand clayey sand, wet loose, f. grain, No oxidation, NO HCS/D organic stain and swell.
10							
11							
12							
13	<u>Sand</u>	<u>GMC</u>	<u>4'</u>	0.6	<u>NA</u>	<u>SP-SC</u>	6.5-7.5 L: Brown, clayey sand moist, f. grain, stiff, no op NO HCS/D
14							
15							
16							
17				0.2		<u>SP</u>	7.5-14 same as above, flowy
18							
19							
20							
21				NR			
22							
23							
24							
25				0.0			
26							
27							
28							
29				0.2			
30							
31							
32							
33				0.1			
34							
35							
36							
37				0.6			
38							
39							
40							
41							TD = 14' bgs Moisture Observed @ 6' bgs
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
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Borehole Logging Form

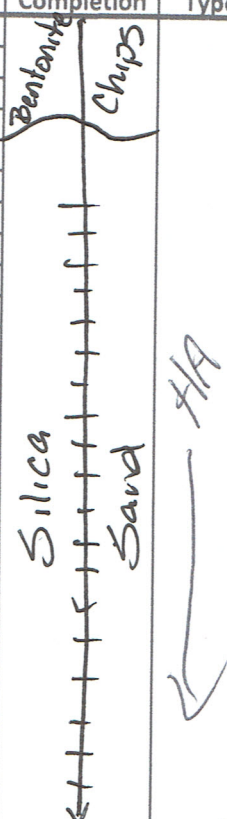
Boring/Well ID #: BH08		SITE NAME: King Addie		CLIENT NAME: Ext GSH	
Date Started: 7.13.21		Location: CR 29 1/2 412			
Date Completed: "		TOC Elevation:		DTW: ~8' bgs	
Type of Drill: AMS PowerProbe		Geologist: Justin Covey			
Bit Size: 2.35"		Project Manager: Mike SATW			
Drilling Company: TASMAN-Ausx					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	Bentonite	Chips	HA	100%	NA	SP	Drain, SAND (SP), moist, medium dense, very fine to fine grained, poorly graded,
2							
3							
4							
5							
6	Silica Sand	GMC	100%	0.4	NA	SP	becomes wet @ 8'
7							
8							
9							
10							
11							
12							
13							
14							
15							
16	Silica Sand	GMC	50%	0.5	NA	SP	ID = 14' bgs Moisture observed @ ~8' bgs
17							
18							
19							
20							
21							
22							
23							
24							
25							

Boring/Well ID #: BH09		SITE NAME: King Addie		CLIENT NAME: Exx 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 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	HA	100%	0.5	NA	SP	brown, silty SAND (SP) moist, medium dense, very fine to fine grained, poorly graded
2							
3							
4							
5							
6	SILICA SAND	GMC	8.5% / 63%	0.4	NA	SP	becomes wet @ 8'
7							
8							
9							
10							
11	GMC	19.5% / 58%	0.3	NA			
12							
13							
14							
15							TD = 14' bgs Moisture Observed @ 8' bgs
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Boring/Well ID #: BH10		SITE NAME: King Addie		CLIENT NAME: OGG 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 Jahn			
Drilling Company: TASMAN - Alex					

Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1				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				0.3			
7				1.0			
8				0.8			
9				0.7			
10				0.4			
11				0.6			
12				0.6			
13				0.5			
14							--- becomes wet @ 8' bgs TD = 13' bgs Moisture Observed @ 8' bgs
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Boring/Well ID #: <u>BH11</u>		SITE NAME: <u>King Addie</u>		CLIENT NAME: <u>Alex GSH</u>			
Date Started: <u>7.13.21</u>		Location: <u>CR 29 1/2 + 12</u>					
Date Completed: <u>"</u>		TOC Elevation:		DTW: <u>~6.5' bgs</u>			
Type of Drill: <u>AMS PowerProbe</u>		Geologist: <u>JUSTIN COVEY</u>					
Bit Size: <u>2.35"</u>		Project Manager: <u>Mike Jahn</u>					
Drilling Company: <u>TASMAN- ALEX</u>							
Depth (feet)	Well Completion	Sample Type	% Recovery	PID (ppm)	Laboratory Sample	USCS	Description
1	<u>Bentonite</u>	<u>Chips</u>	<u>HA</u>	<u>100%</u>	<u>NA</u>	<u>SP-SC</u>	brown, sandy CLAY (SP-SC) - moist, soft, low plasticity, fine grained, poorly graded
2							
3							
4							
5							
6							
7	<u>Silica Sand</u>	<u>GMC</u>	<u>75%</u>	<u>0.5</u>	<u>NA</u>	<u>SP</u>	@ 7' to 14' brown, sandy CLAY (SP-SC) - moist, medium plasticity, fine grained, becomes wet @ 6.5' brown, SAND (SP) - wet, medium dense, fine grained
8							
9							
10							
11							
12		<u>GMC</u>	<u>50%</u>	<u>0.1</u>	<u>NA</u>		
13							
14							
15							
16							
17							TD = 14' bgs Moisture Observed @ ~6.5' bgs
18							
19							
20							
21							
22							
23							
24							
25							