

DRILL HOLE REPORT

Hole Number MM13-30		Project: MARY MARCH JV PROJECT		Project Number: JVROX	
Drilling		Casing		Core	
Azimuth:	133.5	Length:	0	Dimension:	NQ
Dip:	-50	Pulled:		Storage:	Core Shed
Length:	587	Capped:	yes	Section:	
Started:	15-Nov-13	Cemented:	no	Hole Type	DD
Completed:	24-Nov-13				
Logged:	26-Nov-13				
Comment:	PVC lining left in hole to bottom to preserve for DH geophysics. Hole was extended August 22nd, 2014 due to BHEM survey identifying target 125m beyond 442m (EOH in 2013). From 442.0- 587m logged by Kelly Bateman. PVC lining was removed in August 2014 to extend hole and was not replaced.			Coordinate - Gemcom East: 0 North: 0 Elev.: 0 Zone: 21	
				Coordinate - UTM East: 534370.75 North: 5408938.3 Elev.: 203 NAD: NAD27	
				Other Logged by: Danniel J. Oosterman Relog by: Contractor: SPRINGDALE FORESTRY DR Spotted by: Danniel J. Oosterman Surveyed: Surveyed by: Geophysics: Geophysic Contractor: Left in hole: Nothing Making water: no Multi shot survey:	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
0.00	133.50	-50.00		☒	
16.00	135.10	-49.80		☐	
46.00	133.10	-49.30		☐	
76.00	133.80	-49.00		☐	
106.00	134.10	-48.60		☐	
136.00	135.00	-48.10		☐	
166.00	134.50	-47.50		☐	
196.00	135.00	-47.20		☐	
226.00	136.30	-46.70		☐	
256.00	137.00	-46.10		☐	
286.00	135.90	-45.40		☐	
316.00	137.30	-44.90		☐	
346.00	137.90	-44.30		☐	
376.00	136.80	-43.60		☐	

Deviation Tests

Distance	Azimuth	Dip	Type	Good	Comments
406.00	137.30	-43.20		☐	
442.00	137.90	-42.60		☐	
477.00	139.20	-41.50	F	☐	Added 0.2 deg to magnetic azimuth from reading on reflex to compensate for change in magnetic declination 2013->2014 (19.7 -> 19.55).
507.00	141.30	-41.30		☐	Added 0.2 deg to magnetic azimuth from reading on reflex to compensate for change in magnetic declination 2013->2014 (19.7 -> 19.55).
567.00	141.60	-40.10		☐	Added 0.2 deg to magnetic azimuth from reading on reflex to compensate for change in magnetic declination 2013->2014 (19.7 -> 19.55).

LITHOLOGY REPORT
- Detailed -

Hole Number **MM13-30**

Project: **MARY MARCH JV PROJECT**

Project Number: **JVROX**

From (m)	To (m)	Lithology	Sample #	Analysis Type						
				From	To	Length	Assay	ICP	Whole Rock	
0.00	3.80	O/B Overburden								
3.80	36.47	DAC Dacite - (Df) Dacitic flows, massive medium green to buff, green colouration owing to incipient sericite alteration. Occasional flow banding observed but not ubiquitous. Predominantly aphyric though some sections appear to be feldspar phyric. Good recovery however some sections of broken core do occur.								
36.47	46.43	FV Felsic Volcanic - fine grained, green to buff with late fracturing imparting pseudofragmental texture. Contact with previous unit is faulted with gouge and broken core and limonite/hematite staining. Trace disseminated pyrite observed.								
46.43	53.80	SHR Shear - heterogeneous zone comprised of mafic volcanics, felsic volcanics intertwined at sheared contact, with late diabase dikes also evident. Broken core and gougy zones present.								
53.80	102.67	PLYBX Polymictic Breccia - predominantly mafic clasts, framework supported, poorly sorted and crudely bedded. Clasts types range from mafic amygdaloidal to scoriaceous, intermediate cherty to minor felsic clasts. Poorly sorted.								
102.67	327.50	MV Mafic Volcanics - heterogeneous mafic volcanics ranging from pillow breccias to hyaloclastic flows. Sections of moderate sericitization demarcated by lighter greenish colouration as well as silicification highlighted by lighter buff-grey colouration. Darker sections feature greater chloritization; alteration more conspicuous in clasts although chloritization pervasive in matrix where present. Alteration less intense from 129.70 meters.								
327.50	366.42	FVX Felsic Volcaniclastics - green to grey, fine grained lapilli tuff and rhyolite breccias. Moderate to strongly								



LITHOLOGY REPORT
- Detailed -

Hole Number **MM13-30** Project: **MARY MARCH JV PROJECT** Project Number: **JVROX**

From (m)	To (m)	Lithology	Sample #	Analysis Type						
				From	To	Length	Assay	ICP	Whole Rock	
		sericitized; greater intensity alteration observed where greater foliation is present. Incipient chloritization with attendant pyritization observed through unit to 'pyritized volcanics'. Transition to mineralized shear zone approaching lower contact from 355.09m with associated gougy and milled sections possibly graphite (or milled sulphide).								
366.42	587.00	FV Felsic Volcanics - (Rhyolite) Intercalated felsic flows and felsic breccias and volcanoclastics. Green, fine grained and moderately sericitic from 366.42-442m. Breccias are angular and jigsaw/stockwork pattern where present likely autobreccia/in situ. Hole extended from 442m to 587m in August 2014 as indicated in header table. At 442.2m, massive pyrite core rubble for 3cm. From 442m, less sericitic alteration and carbonitization; dominant alteration is moderate to strong pervasive chlorite and silicification and weak carbonate and quartz in fractures. Well mineralized from 442-487m; stockwork style py associated with chlorite filling fractures. Chlorite alteration incr moving downhole. Sm 2-8cm gougey fault zones approaching strongly sheared zone. Shear onset at 477.87m to EOH - which truncates the more strongly mineralized zone that occurs from 442m-477.87m. Strong brecciated texture begins at 487.1m and also shows strong evidence of shear. Broken rocks from 500.3-501.98m- minor fault (?). In shear zone, buff, strongly silicified flows with hairline fractures filled by chlorite are common and contacts with surrounding rocks are gradational. Blocky feldspar phenocrysts occur in local zones. Rocks generally competent in shear zone with small 1-3m broken/breccia/gouge. Much of shear zone contains fracture controlled pyrite but is spotty and inconsistent therefore a few samples were taken in areas of higher visible mineralization. Rock texture throughout shear zone is very chaotic. From 536.7m-540m more strongly deformed zone - shear/breccia and unconsolidated rock. Hole ends in gougey, broken rock still in shear structure with strong chlorite presence.								
587.00	0.00	EOH End of Hole								

HOLEID	FROM	TO	LENGTH	Sample Id	Sample De:	Au ppm	Ag ppm	Al%	As ppm	B ppm	Ba ppm	Be ppm
MM13-30	442	442.61	0.61	5834932	E5161685	0.117	5.8		0.34	90 <5		52 <0.5
MM13-30	442.61	444.14	1.53	5834934	E5161686	0.038	0.4		0.79	34 <5		41 <0.5
MM13-30	444.14	445.36	1.22	5834935	E5161687	0.025	0.3		0.53	54 <5		70 <0.5
MM13-30	445.36	446.52	1.16	5834937	E5161688	0.02	0.5		1.19	30 <5		72 0.6
MM13-30	446.52	447.17	0.65	5834938	E5161689	0.023	0.8		0.46	16 <5		90 <0.5
MM13-30	447.17	447.58	0.41	5834942	E5161691	0.058	1.2		0.29	71 <5		25 <0.5
MM13-30	447.58	448.44	0.86	5834943	E5161692	0.023	0.4		0.31	31 <5		40 <0.5
MM13-30	448.44	449.07	0.63	5834945	E5161693	0.021	0.3		0.4	34 <5		53 <0.5
MM13-30	449.07	449.35	0.28	5834946	E5161694	0.028	0.3		0.38	33 <5		25 <0.5
MM13-30	449.35	450.46	1.11	5834948	E5161695	0.023	0.3		0.4	30 <5		40 <0.5
MM13-30	450.46	451.26	0.8	5834950	E5161696	0.064	2.2		0.35	64 <5		56 0.5
MM13-30	451.26	451.7	0.44	5834951	E5161697	0.061	0.8		0.3	64 <5		35 <0.5
MM13-30	451.7	452.82	1.12	5834953	E5161698	0.038	0.4		0.38	38 <5		36 <0.5
MM13-30	452.82	453.85	1.03	5834954	E5161699	0.03	0.4		0.41	42 <5		29 <0.5
MM13-30	453.85	454.84	0.99	5834958	E5161701	0.038	0.6		0.33	45 <5		31 <0.5
MM13-30	454.84	455.9	1.06	5834959	E5161702	0.011	<0.2		0.38	23 <5		57 <0.5
MM13-30	455.9	457.06	1.16	5834961	E5161703	0.009	<0.2		1.49	15 <5		83 0.6
MM13-30	457.06	458.39	1.33	5834963	E5161704	0.008	<0.2		1.69	13 <5		105 0.5
MM13-30	458.39	459.68	1.29	5834964	E5161705	0.024	<0.2		1.85	31 <5		66 0.6
MM13-30	459.68	461.73	2.05	5834966	E5161706	0.023	<0.2		1.34	20 <5		92 <0.5
MM13-30	461.73	462.98	1.25	5834967	E5161707	0.03	<0.2		1.6	27 <5		103 <0.5
MM13-30	462.98	463.87	0.89	5834969	E5161708	0.075	<0.2		1.81	55 <5		60 <0.5
MM13-30	463.87	464.9	1.03	5834971	E5161709	0.031	0.3		1.7	30 <5		74 <0.5
MM13-30	464.9	465.96	1.06	5834974	E5161711	0.017	<0.2		2.17	18 <5		104 <0.5
MM13-30	465.96	467.3	1.34	5834976	E5161712	0.02	<0.2		2.48	20 <5		102 0.6
MM13-30	467.3	468.26	0.96	5834977	E5161713	0.016	0.2		2.28	17 <5		106 0.5
MM13-30	468.26	469.25	0.99	5834979	E5161714	0.029	0.2		1.58	38 <5		102 <0.5
MM13-30	469.25	469.64	0.39	5834980	E5161715	0.084	<0.2		1.19	80 <5		50 <0.5
MM13-30	469.64	470.94	1.3	5834982	E5161716	0.018	<0.2		1.39	28 <5		105 <0.5
MM13-30	470.94	472.27	1.33	5834984	E5161717	0.015	<0.2		1.34	19 <5		166 <0.5
MM13-30	472.27	472.7	0.43	5834985	E5161718	0.014	<0.2		1.51	11 <5		102 <0.5
MM13-30	472.7	473.75	1.05	5834987	E5161719	0.024	0.2		1.66	32 <5		114 <0.5
MM13-30	473.75	474.51	0.76	5834990	E5161721	0.01	<0.2		1.51	6 <5		100 <0.5

HOLEID	FROM	TO	LENGTH	Sample Id	Sample De	Au ppm	Ag ppm	Al%	As ppm	B ppm	Ba ppm	Be ppm
MM13-30	474.51	475.2	0.69	5834992	E5161722	0.069	1.1		1.16	70 <5	43	<0.5
MM13-30	475.2	476.12	0.92	5834993	E5161723	0.06	<0.2		4.28	64 <5	64	0.9
MM13-30	476.12	477.08	0.96	5834995	E5161724	0.004	<0.2		2.5	5 <5	105	0.7
MM13-30	477.08	477.86	0.78	5834996	E5161725	0.01	<0.2		2.36	8 <5	108	0.7
MM13-30	477.86	478.9	1.04	5834998	E5161726	0.006	<0.2		2.61	4 <5	117	0.7
MM13-30	478.9	479.59	0.69	5835000	E5161727	0.037	<0.2		4.2	48 <5	42	1

HOLEID	FROM	TO	LENGTH	Bi ppm	Ca%	Cdppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Ga ppm
MM13-30	442	442.61	0.61		2	0.64	7.9	8	3.3	21.7	289	4.22 <5
MM13-30	442.61	444.14	1.53 <1			0.91 <0.5		7	9.7	0.7	6.4	6.47 5
MM13-30	444.14	445.36	1.22		2	0.66 <0.5		10	4.4	30.3	6.1	3.81 <5
MM13-30	445.36	446.52	1.16 <1			0.89 <0.5		10	5.8	1.9	2	3.83 6
MM13-30	446.52	447.17	0.65 <1			0.28	13.8	16	3.5	32.3	86.1	2.11 <5
MM13-30	447.17	447.58	0.41		6	0.12 <0.5		10	27.7	0.5	23.9	13 5
MM13-30	447.58	448.44	0.86		2	0.11 <0.5		11	8.3	34.8	9	4.83 <5
MM13-30	448.44	449.07	0.63		1	0.5 <0.5		9	10	1.1	6	4.39 <5
MM13-30	449.07	449.35	0.28		7	0.52 <0.5		7	12	38.7	7.5	8.76 <5
MM13-30	449.35	450.46	1.11 <1			1.17 <0.5		8	7.7	0.6	4.9	4.7 <5
MM13-30	450.46	451.26	0.8 <1			0.2	1.7	17	6.5	33.4	182	3.09 <5
MM13-30	451.26	451.7	0.44		2	0.69 <0.5		8	15.4	0.5	21.8	6.85 <5
MM13-30	451.7	452.82	1.12		1	0.34 <0.5		11	10.6	1.3	7.2	4.99 <5
MM13-30	452.82	453.85	1.03		2	0.58 <0.5		11	10.6	30.4	6.4	6.37 <5
MM13-30	453.85	454.84	0.99		1	0.53 <0.5		11	10.1	0.8	36.8	5.18 <5
MM13-30	454.84	455.9	1.06 <1			0.37 <0.5		16	5.7	25.3	2.6	3.26 <5
MM13-30	455.9	457.06	1.16 <1			0.45 <0.5		19	6.7	1.4	1.6	3.34 <5
MM13-30	457.06	458.39	1.33 <1			0.27 <0.5		15	4.4	24.6	1.9	3.52 6
MM13-30	458.39	459.68	1.29 <1			0.23 <0.5		15	8.2	0.6	2.6	5.67 6
MM13-30	459.68	461.73	2.05 <1			0.5 <0.5		15	4.3	31.2	2.9	3.49 <5
MM13-30	461.73	462.98	1.25 <1			0.12 <0.5		19	4.3	0.9	3.3	2.7 <5
MM13-30	462.98	463.87	0.89		2	0.08 <0.5		12	8.5	26.3	2	6.69 6
MM13-30	463.87	464.9	1.03 <1			0.14 <0.5		18	5.2	0.8	4.8	4.03 5
MM13-30	464.9	465.96	1.06 <1			0.12 <0.5		18	4.1	22.3	2	2.95 8
MM13-30	465.96	467.3	1.34 <1			0.36 <0.5		15	5.1	1	2	3.18 8
MM13-30	467.3	468.26	0.96 <1			0.88 <0.5		13	4.8	26.1	1.5	3.14 9
MM13-30	468.26	469.25	0.99 <1			0.7 <0.5		15	6.4	1	1.9	3.76 6
MM13-30	469.25	469.64	0.39		1	0.46 <0.5		11	13.9	27	8.1	8.89 6
MM13-30	469.64	470.94	1.3 <1			0.76 <0.5		17	5	0.6	0.9	2.82 6
MM13-30	470.94	472.27	1.33 <1			0.39 <0.5		21	3.3	26.1	1.2	2.05 <5
MM13-30	472.27	472.7	0.43 <1			0.23 <0.5		15	3.4	0.7	1.7	2.07 <5
MM13-30	472.7	473.75	1.05 <1			0.14 <0.5		15	5.3	25.3	2.3	2.84 6
MM13-30	473.75	474.51	0.76 <1			0.21 <0.5		19	2.5	1.1	0.9	1.74 <5

HOLEID	FROM	TO	LENGTH	Bi ppm	Ca%	Cdppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Fe%	Ga ppm
MM13-30	474.51	475.2	0.69	<1		0.1 <0.5	10	11.2	0.7	7.5	7.34	5
MM13-30	475.2	476.12	0.92		2	0.14 <0.5	10	20.4	2.3	8.1	11.9	16
MM13-30	476.12	477.08	0.96	<1		0.17 <0.5	31	3.6	16.2 <0.5		2.18	8
MM13-30	477.08	477.86	0.78	<1		0.33 <0.5	28	3.5	0.9 <0.5		2.38	8
MM13-30	477.86	478.9	1.04	<1		0.34 <0.5	28	3.4	15.9 <0.5		2.36	9
MM13-30	478.9	479.59	0.69	<1		0.16 <0.5	14	14.4	0.6 <0.5		8.54	16

HOLEID	FROM	TO	LENGTH	Hg ppm	In ppm	K%	La ppm	Li ppm	Mg%	Mn ppm	Mo ppm	Na	
MM13-30	442	442.61	0.61		1 <1		0.25	4 <1		0.25	384	16.5	0.01
MM13-30	442.61	444.14	1.53	<1			0.22	4	8	0.94	768	10.4	0.01
MM13-30	444.14	445.36	1.22	<1			0.22	6	3	0.48	372	6.3	0.01
MM13-30	445.36	446.52	1.16	<1			0.21	6	12	1.3	1050	10.8	0.01
MM13-30	446.52	447.17	0.65	<1		1	0.25	8	2	0.2	197	6.9	0.01
MM13-30	447.17	447.58	0.41		2 <1		0.2	7 <1		0.05	50	26.7	0.01
MM13-30	447.58	448.44	0.86	<1		1	0.2	7 <1		0.05	50	13.4	0.01
MM13-30	448.44	449.07	0.63	<1		1	0.23	5	2	0.29	498	10.1	0.01
MM13-30	449.07	449.35	0.28		2 <1		0.19	4	2	0.48	819	16.2	0.01
MM13-30	449.35	450.46	1.11	<1		1	0.2	5	3	0.58	805	8.1	0.01
MM13-30	450.46	451.26	0.8		1	4	0.25	10 <1		0.09	90	19.4	0.01
MM13-30	451.26	451.7	0.44		2 <1		0.2	5 <1		0.32	352	13.2	0.01
MM13-30	451.7	452.82	1.12	<1		1	0.25	6 <1		0.16	213	8.1	0.01
MM13-30	452.82	453.85	1.03		2 <1		0.19	7	2	0.36	431	11.6	0.01
MM13-30	453.85	454.84	0.99	<1		3	0.2	7	1	0.29	423	13.5	0.01
MM13-30	454.84	455.9	1.06		1	2	0.19	9	2	0.29	540	6.6	0.01
MM13-30	455.9	457.06	1.16	<1		1	0.26	11	14	1.6	747	8.3	0.01
MM13-30	457.06	458.39	1.33		1	4	0.3	9	15	1.87	703	5.8	<0.01
MM13-30	458.39	459.68	1.29		2 <1		0.29	10	18	2.07	641	14.7	0.01
MM13-30	459.68	461.73	2.05	<1			0.28	9	12	1.53	696	9.7	0.01
MM13-30	461.73	462.98	1.25	<1			0.27	11	15	1.93	428	7.9	0.01
MM13-30	462.98	463.87	0.89	<1			0.25	8	18	2.31	536	11.5	<0.01
MM13-30	463.87	464.9	1.03	<1		1	0.26	10	16	2.2	486	9.5	0.01
MM13-30	464.9	465.96	1.06	<1			0.25	11	22	2.79	746	6.2	0.01
MM13-30	465.96	467.3	1.34	<1			0.27	9	26	3.3	1290	6.6	0.01
MM13-30	467.3	468.26	0.96	<1			0.26	8	23	3.02	2200	5.5	0.01
MM13-30	468.26	469.25	0.99	<1			0.28	9	14	1.87	1410	6.3	0.01
MM13-30	469.25	469.64	0.39	<1			0.27	7	9	1.18	843	9	0.01
MM13-30	469.64	470.94	1.3	<1			0.22	10	12	1.62	1690	3.6	0.01
MM13-30	470.94	472.27	1.33	<1			0.25	12	9	1.31	1040	3	0.01
MM13-30	472.27	472.7	0.43	<1		2	0.23	9	11	1.54	931	4.4	<0.01
MM13-30	472.7	473.75	1.05		2 <1		0.28	9	11	1.58	823	2.9	0.01
MM13-30	473.75	474.51	0.76	<1			0.24	11	11	1.52	941	2.5	<0.01

HOLEID	FROM	TO	LENGTH	Hg ppm	In ppm	K%	La ppm	Li ppm	Mg%	Mn ppm	Mo ppm	Na
MM13-30	474.51	475.2	0.69		1 <1		0.27	6	7	0.95	496	6.2 <0.01
MM13-30	475.2	476.12	0.92	<1	<1		0.28	7	42	5.3	2490	7.9 0.01
MM13-30	476.12	477.08	0.96	<1	<1		0.26	19	22	2.88	1380	1.8 0.01
MM13-30	477.08	477.86	0.78	<1	<1		0.24	17	22	2.86	1450	2.5 0.01
MM13-30	477.86	478.9	1.04		1 <1		0.26	17	24	3.18	1740	3.2 0.01
MM13-30	478.9	479.59	0.69	<1	<1		0.17	10	44	5.52	2630	5.2 0.01

HOLEID	FROM	TO	LENGTH	Ni ppm	P ppm	Pb ppm	Rb ppm	S%	Sb ppm	Sc ppm	Se ppm	Sn ppm
MM13-30	442	442.61	0.61	2	438	546 <10			4.83	3	5.8 <10	<5
MM13-30	442.61	444.14	1.53	1	264	33.7 <10			6.9	4	6.6 <10	<5
MM13-30	444.14	445.36	1.22	1.5	278	16.1 <10			4.14 <1		6.6 <10	<5
MM13-30	445.36	446.52	1.16	0.8	348	14.7 <10			3.31	3	4.9 <10	<5
MM13-30	446.52	447.17	0.65	2	369	99.1 <10			2.14	4	4.5 <10	<5
MM13-30	447.17	447.58	0.41	1.4	208	73.1 <10		>10	<1		4.7 <10	<5
MM13-30	447.58	448.44	0.86	1.6	254	51.1 <10			5.37 <1		6.8 <10	<5
MM13-30	448.44	449.07	0.63	0.6	246	23.3 <10			4.56	3	3.1 <10	<5
MM13-30	449.07	449.35	0.28	2.8	263	48.6 <10			9.1 <1		4.2 <10	<5
MM13-30	449.35	450.46	1.11	0.7	358	25.1 <10			4.79	3	6.1 <10	<5
MM13-30	450.46	451.26	0.8	4.1	385	143	11		3.45	7	5.4 <10	<5
MM13-30	451.26	451.7	0.44	0.9	290	51.1 <10			7.77	3	5.6 <10	<5
MM13-30	451.7	452.82	1.12	0.8	287	18.6 <10			5.39	2	6.6 <10	<5
MM13-30	452.82	453.85	1.03	1.8	257	26.2 <10			6.84	1	3.1 <10	<5
MM13-30	453.85	454.84	0.99	1.6	193	37.3 <10			5.52	3	3 <10	<5
MM13-30	454.84	455.9	1.06	1.5	223	10.9 <10			3.19 <1		1.8 <10	<5
MM13-30	455.9	457.06	1.16	0.8	272	6.6	11		2.77 <1		2.9 <10	<5
MM13-30	457.06	458.39	1.33	1.3	306	4.7	14		3.33	3	3.3 <10	<5
MM13-30	458.39	459.68	1.29	0.7	306	14.5	13		5.75 <1		3.6 <10	<5
MM13-30	459.68	461.73	2.05	2	302	11.2	12		3.51	1	7.1 <10	<5
MM13-30	461.73	462.98	1.25	0.5	292	5.7	11		2.7 <1		7.8 <10	<5
MM13-30	462.98	463.87	0.89	1.8	250	17.5	12		7.11 <1		6.9 <10	<5
MM13-30	463.87	464.9	1.03	1.7	342	18.8	11		4.3 <1		8.6 <10	<5
MM13-30	464.9	465.96	1.06	0.9	323	4	11		2.6 <1		10.4 <10	<5
MM13-30	465.96	467.3	1.34	0.7	373	3.1	12		2.83 <1		9 <10	<5
MM13-30	467.3	468.26	0.96	1.6	366	3.6	11		2.58 <1		8.5 <10	<5
MM13-30	468.26	469.25	0.99	0.8	336	6.3	11		3.57 <1		7.1 <10	<5
MM13-30	469.25	469.64	0.39	1.6	451	27.6	11		9.6	4	3.4 <10	<5
MM13-30	469.64	470.94	1.3	0.5	275	5.6 <10			2.35 <1		4 <10	<5
MM13-30	470.94	472.27	1.33	1.1	292	6.7	10		1.34 <1		2.5 <10	<5
MM13-30	472.27	472.7	0.43 <0.5		270	5.3	10		1.25 <1		2.6 <10	<5
MM13-30	472.7	473.75	1.05	2	296	6.3	12		2.13 <1		3.3 <10	<5
MM13-30	473.75	474.51	0.76	0.6	276	1.2	10		0.901	2	2.4 <10	<5

HOLEID	FROM	TO	LENGTH	Ni ppm	P ppm	Pb ppm	Rb ppm	S%	Sb ppm	Sc ppm	Se ppm	Sn ppm		
MM13-30	474.51	475.2	0.69	<0.5		222	27.7	12	7.69	<1	3.6	<10	<5	
MM13-30	475.2	476.12	0.92		2.9	274	90.5	15	>10		<1	6.7	<10	<5
MM13-30	476.12	477.08	0.96		1	281	<0.5	12	0.967	<1		3.5	<10	<5
MM13-30	477.08	477.86	0.78		0.7	270	<0.5	11	1.38	<1		3.4	<10	<5
MM13-30	477.86	478.9	1.04		1	319	<0.5	12	1.26		2	3.6	<10	<5
MM13-30	478.9	479.59	0.69		1.7	263	28.1	<10	7.48		5	4.7	<10	<5

HOLEID	FROM	TO	LENGTH	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm
MM13-30	442	442.61	0.61	34.9 <10	<10	<10	<5	<0.01	<5	<5		4.7 <1
MM13-30	442.61	444.14	1.53	54.2 <10	<10	<10	<5	<0.01	<5	<5		8.7 <1
MM13-30	444.14	445.36	1.22	26 <10	<10	<10		5 <0.01	<5	<5		6.2 <1
MM13-30	445.36	446.52	1.16	33.2 <10	<10	<10	<5	<0.01	<5	<5		9.2 <1
MM13-30	446.52	447.17	0.65	27.7 <10	<10	<10	<5	<0.01	<5	<5		3.4 <1
MM13-30	447.17	447.58	0.41	19.5 <10	<10	<10		7 <0.01	<5	<5		6.2 <1
MM13-30	447.58	448.44	0.86	16.1 <10	<10	<10		6 <0.01	<5	<5		3 <1
MM13-30	448.44	449.07	0.63	24.4 <10	<10	<10	<5	<0.01	<5	<5		5.1 <1
MM13-30	449.07	449.35	0.28	25.1 <10	<10	<10	<5	<0.01	<5	<5		7.5 <1
MM13-30	449.35	450.46	1.11	47.5 <10	<10	<10		6 <0.01	<5	<5		6.4 <1
MM13-30	450.46	451.26	0.8	23.9 <10	<10	<10		9 <0.01	<5	<5		3.6 <1
MM13-30	451.26	451.7	0.44	98.4 <10	<10	<10		6 <0.01	<5	<5		6 <1
MM13-30	451.7	452.82	1.12	32.7 <10	<10	<10		5 <0.01	<5	<5		4.4 <1
MM13-30	452.82	453.85	1.03	39.2 <10	<10	<10		5 <0.01	<5	<5		6.5 <1
MM13-30	453.85	454.84	0.99	40.4 <10	<10	<10	<5	<0.01		6 <5		5.3 <1
MM13-30	454.84	455.9	1.06	21.8 <10	<10	<10	<5	<0.01	<5	<5		4.8 <1
MM13-30	455.9	457.06	1.16	21 <10	<10	<10	<5	<0.01	<5	<5		9.3 <1
MM13-30	457.06	458.39	1.33	16 <10	<10	<10	<5	<0.01	<5	<5		9.5 <1
MM13-30	458.39	459.68	1.29	19.9 <10	<10	<10	<5	<0.01	<5	<5		10.8 <1
MM13-30	459.68	461.73	2.05	25.3 <10	<10	<10	<5	<0.01	<5	<5		9.2 <1
MM13-30	461.73	462.98	1.25	12 <10	<10	<10		6 <0.01		5 <5		9 <1
MM13-30	462.98	463.87	0.89	12.4 <10	<10	<10		6 <0.01	<5	<5		11.4 <1
MM13-30	463.87	464.9	1.03	13.1 <10	<10	<10		6 <0.01	<5	<5		10 <1
MM13-30	464.9	465.96	1.06	12.1 <10	<10	<10		6 <0.01	<5	<5		12.1 <1
MM13-30	465.96	467.3	1.34	24 <10	<10	<10		6 <0.01	<5	<5		12.5 <1
MM13-30	467.3	468.26	0.96	40.9 <10	<10	<10		5 <0.01	<5	<5		12.6 <1
MM13-30	468.26	469.25	0.99	33.8 <10	<10	<10		5 <0.01	<5	<5		10.4 <1
MM13-30	469.25	469.64	0.39	28.8 <10	<10	<10	<5	<0.01	<5	<5		9.7 <1
MM13-30	469.64	470.94	1.3	35.5 <10	<10	<10	<5	<0.01	<5	<5		8.2 <1
MM13-30	470.94	472.27	1.33	19.4 <10	<10	<10	<5	<0.01	<5	<5		7.6 <1
MM13-30	472.27	472.7	0.43	14.2 <10	<10	<10	<5	<0.01	<5	<5		8.3 <1
MM13-30	472.7	473.75	1.05	12.3 <10	<10	<10	<5	<0.01	<5	<5		8.4 <1
MM13-30	473.75	474.51	0.76	12.1 <10	<10	<10	<5	<0.01	<5	<5		8 <1

HOLEID	FROM	TO	LENGTH	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti%	Tl ppm	U ppm	V ppm	W ppm
MM13-30	474.51	475.2	0.69	12.8	<10	<10	<5	<0.01	<5	<5		8.8 <1
MM13-30	475.2	476.12	0.92	17.8	<10	<10	<5	<0.01	<5	<5		26.2 <1
MM13-30	476.12	477.08	0.96	14.1	<10	<10	<5	<0.01	<5	<5		15.9 <1
MM13-30	477.08	477.86	0.78	18.6	<10	<10	<5	<0.01	<5	<5		15.1 <1
MM13-30	477.86	478.9	1.04	19.2	<10	<10	<5	<0.01	<5	<5		16.2 <1
MM13-30	478.9	479.59	0.69	17.1	<10	<10	<5	<0.01		6 <5		23.3 <1

HOLEID	FROM	TO	LENGTH	Yppm	Zn ppm	Zr ppm	Cu%	Zn%	Ag	As%	Pb%
MM13-30	442	442.61	0.61		7	1830	34				
MM13-30	442.61	444.14	1.53		7	104	37				
MM13-30	444.14	445.36	1.22		7	51.5	38				
MM13-30	445.36	446.52	1.16		6	105	26				
MM13-30	446.52	447.17	0.65		6	2280	26				
MM13-30	447.17	447.58	0.41		5	48.4	28				
MM13-30	447.58	448.44	0.86		7	117	41				
MM13-30	448.44	449.07	0.63		5	103	16				
MM13-30	449.07	449.35	0.28		5	158	23				
MM13-30	449.35	450.46	1.11		7	133	33				
MM13-30	450.46	451.26	0.8		6	348	30				
MM13-30	451.26	451.7	0.44		5	108	32				
MM13-30	451.7	452.82	1.12		6	38.8	39				
MM13-30	452.82	453.85	1.03		4	79	16				
MM13-30	453.85	454.84	0.99		4	154	16				
MM13-30	454.84	455.9	1.06		3	91.3	10				
MM13-30	455.9	457.06	1.16		4	89.7	14				
MM13-30	457.06	458.39	1.33		4	86.2	18				
MM13-30	458.39	459.68	1.29		4	100	18				
MM13-30	459.68	461.73	2.05		7	58.9	40				
MM13-30	461.73	462.98	1.25		7	61.9	45				
MM13-30	462.98	463.87	0.89		6	86.4	40				
MM13-30	463.87	464.9	1.03		7	101	50				
MM13-30	464.9	465.96	1.06		9	82.5	59				
MM13-30	465.96	467.3	1.34		8	97.4	50				
MM13-30	467.3	468.26	0.96		8	101	46				
MM13-30	468.26	469.25	0.99		7	77.1	39				
MM13-30	469.25	469.64	0.39		4	89.6	18				
MM13-30	469.64	470.94	1.3		5	72.3	21				
MM13-30	470.94	472.27	1.33		3	45.7	13				
MM13-30	472.27	472.7	0.43		3	60.7	14				
MM13-30	472.7	473.75	1.05		3	46.7	18				
MM13-30	473.75	474.51	0.76		3	47	13				

HOLEID	FROM	TO	LENGTH	Yppm	Zn ppm	Zr ppm	Cu%	Zn%	Ag	As%	Pb%
MM13-30	474.51	475.2	0.69		3	63.8	20				
MM13-30	475.2	476.12	0.92		5	190	30				
MM13-30	476.12	477.08	0.96		4	57.8	15				
MM13-30	477.08	477.86	0.78		4	47.3	14				
MM13-30	477.86	478.9	1.04		4	122	15				
MM13-30	478.9	479.59	0.69		5	117	18				