MICHELLE PROJECT

PROPERTY: MICHELLE

HOLE: MCH-08-14

Easting	Northing	Elev.	Depth (m)
368294 m	7207368 m	1692 m	124.06

Contractor: ELITE
Drill: JKS Super

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
6	182.1	-44.9	Icefield	306	183	-43.5	Icefield
56	181.6	-44.9	Icefield	356	184.2	-43.7	Icefield
106	179.2	-44.8	Icefield	406	184.6	-43.4	Icefield
156	180.7	-44.7	Icefield				
206	181.3	-44.2	Icefield				
256	182.2	-43.9	Icefield				

Core size: BTW
Casing depth: 3.05 (m) out

Drilling dates: August 11-12, 2008

Logged by: S. Eaton

Target: Peak Structures A and B

SUMMARY				
From (m)	To (m)	Interval	Unit	Comments

SAMPLES

Numbers: **G005589-G005600**

Total: 12 samples
Date sent: September/October, 2008

COMMENTS

PROPERTY **Hole:** MCH-08-14 Zone: Peak CLAIM: Michelle 22

Northing: 7207368 Easting: 368294 Elevation: 1692 m Depth 124.06 m

MICHELLE CALAMINE Drilling Dates: August 11-12, 2008 Logged By: S. Eaton Dip 45°

Length: 124.06 m Core Diameter: BTW Casing Depth: 3.05 m Casing: OUT Azimuth 178°

From	To	Interval	UNIT	ALTERATION AND MINERALIZATION																			GEOTECHNICAL						SAMPLES				ASSAYS			
				HYDROZINCITE				LIMONITE			CALCITE		DOLOMITE		FRACTURES					BEDDING		From	To	Rec.	Rec.	RQD	RQD	From	To	Interval	Sample	Zn	Pb	Ag	Ga
(m)	(m)	(m)		0	W	M	S	MODE	TYPE	INT.	MODE	INT.	MODE	INT.	TYPE	DENS.	INT.	ANGLE	ANGLE	TYPE	ANGLE	(m)	(m)	(m)	%	(m)	%	(m)	(m)	(m)	Number	%	%	g/t	ppm
0.00	**50.30**	**50.30**	LST	100	0	0	0	>	T	t	# < cf	m	rim	w	S	W	f	50	-	La	60	0.00	2.13					46.44	47.44	1.00	G005589	0.01	0.00	< 1	< 50
Light grey limestone with frequent coarse, sparry calcite cavity- and fracture-fillings and variable textures, including: 1) laminations, 2) homogenous sections, 3) fine and medium grained limestone sections, 4) short breccia sections, 5) weakly mottled sections, 6) saccharoidal sections. White calcite infillings and breccia matrix often rimmed with 2-3 mm of crystalline dolomite. Calcite infillings up to 20 cm, some exhibit strong cleavage. Weak stylolitic fractures and taupe limestone. Fracture orientations are variable. 2 cm wide limonite fracture at 24.95 m. Rare "wormy" texture within calcite infillings.																					2.13	5.18	2.87	94	1.47	48								
																						5.18	8.23	2.79	91	2.43	80								
																						8.23	11.28	3.05	100	2.52	83								
47.44	**48.10**	**0.66**	Fe-LST	25	60	10	5	>	T	m	>	f	-	-	S	F	m	0-10	50	-	-	11.29	14.33	2.84	93	2.07	68	47.44	48.10	0.66	G005590	4.47	0.11	10	< 50
SUB-INTERVAL																						14.33	17.37	3.05	100	2.77	91	48.10	49.10	1.00	G005591	0.04	0.00	< 1	< 50
Moderately fractured limestone with moderate iron alteration stemming from 3 major iron-stained fractures and fine calcite-iron filled fractures. Moderate to strong reaction to zinc zap on and near fractures. Rusty hue to core due to semi-pervasive iron-alteration. 1 small (3 x 3 mm) bleb of pyrite. Major fractures are subparallel to core axis. Limonite-after-pyrite occurs as dodecahedrons? on fracture face. Rare blebby galena.																						17.37	20.42	3.05	100	2.40	79								
																						20.42	23.47	3.00	98	2.19	72								
																						23.47	26.52	2.88	94	1.92	63								
50.30	**72.16**	**21.86**	LST Bx	99	<1	0	0	-	-	-	# cf	ms	rim	w	S	W	t	60	12	-	-	26.52	29.57	3.05	100	2.34	77								
																						29.57	32.61	2.99	98	2.42	79								
Limestone breccia, similar to above unit, but is a predominantly clast-supported, calcite-matrix breccia. Large calcite infills less abundant than in previous interval. Some calcite (particularly dolomite rims) are slightly iron-stained to pale orange. Trace to weak localized reaction to zinc zap. HCl reacts weakly to moderately in rock body and strongly in matrices. Rare pyrobitumin in calcite.																						32.62	35.66	3.05	100	2.55	84								
																						35.66	38.71	3.04	100	2.62	86								
																						38.71	41.76	2.99	98	2.62	86								
52.60	**55.60**	**3.00**	LST Bx	94	5	1	0	-	-	-	# cf	ms	rim	w	S	W	t	60	-	-	-	41.76	44.81	3.05	100	2.79	92	52.60	55.60	3.00	G005592	0.07	0.00	2	< 50
SUB-INTERVAL																						44.81	47.86	2.92	96	2.45	80								
Intermittent, highly irregular voids with calcite crystals coated in medium to dark brown iron staining. High concentration of these voids between 52.75-53.40 m. Weak discolouration of dolomite rims due to iron, and weak response to zinc zap. 54.84-55.08 m: broken core, due to a void?																						47.86	50.90	3.00	98	2.76	91								
																						50.90	53.95	2.89	95	2.31	76								
																						53.95	57.00	2.88	95	2.44	80								
55.60	**61.25**	**5.65**	LST	99	<1	0	0	-	-	-	#	m	rim	w	S	W	t	12	-	-	-	57.00	60.05	3.05	100	2.87	94	59.49	61.25	1.76	G005593	0.18	0.00	< 1	< 50
																						60.05	63.10	2.94	96	2.80	92								
Weak iron alteration of dolomite rims continues from 52.60 m to here. 60.22-60.55 m: iron-stained, undulating fractures oriented at 12º to core axis, associated with slightly more intense iron-alteration of dolomite rims.																						63.10	66.14	2.94	96	2.72	89								
																						66.14	69.19	2.94	96	2.58	85								
																						69.19	72.24	3.00	98	2.60	85								
72.16	**89.00**	**16.84**	LST	See sub-intervals																		72.24	75.29	3.05	100	2.81	92								
																						75.29	78.34	3.04	100	2.26	74								
Light to medium grey, medium to coarse grained, mostly homogenous limestone with fractures only in isolated sections. See sub-intervals for textures.																						78.34	81.38	3.01	99	2.93	96								
																						81.38	84.43	3.05	100	2.77	91								
																						84.43	87.48	3.04	100	2.90	95								
72.16	**77.96**	**5.80**	LST	100	0	0	0	-	-	-	<	t	-	-	S	W	t	75	60	SB	70	87.48	90.53	2.90	95	1.87	61								
SUB-INTERVAL																						90.53	93.58	3.02	99	2.15	71								
Homogenous, saccharoidal, light grey limestone with rare stylolitic banding and a short, brecciated section at 74.11 m.																						93.58	96.62	3.05	100	2.28	75								
																						96.63	99.67	2.71	89	1.05	34								
																						99.67	102.72	2.89	95	2.37	78								

PROPERTY

MICHELLE CALAMINE

Hole:	MCH-08-14	Zone:	Peak	CLAIM:	Michelle 22
Northing:	7207368	Easting:	368294	Elevation:	1692 m
Drilling Da	August 11-12, 2008	Logged By:		Depth	124.06 m
				Dip	45°
Length:	124.06 m	Core Diameter:	BTW	Azimuth	178°
Casing Depth:	3.05 m	Casing:	IN / OUT		

From (m)	To (m)	Interval (m)	UNIT	ALTERATION AND MINERALIZATION: HYDROZINCITE 0	W	M	S	LIMONITE MODE	TYPE	INT.	CALCITE MODE	INT.	DOLOMITE MODE	INT.	FRACTURES TYPE	DENS.	INT.	ANGLE	ANGLE	BEDDING TYPE	ANGLE
77.96	**79.3**	**1.34**	LST Bx	100	0	0	0	-	-	-	#	ms	rim	w	S	W	t	49	-	-	-
SUB-INTERVAL																					
Light grey to taupe limestone clasts within calcite matrix. Clasts rimmed with dolomite. Weak pyrobitumin. Upper contact oriented at 60º to core axis. Lower contact oriented at 45º to core axis. Both contacts have calcite-healed microfractures.																					
79.3	**81.3**	**2**	LST	100	0	0	0	-	-	-	<	t	-	-	S	W	t	44	-	B	70
SUB-INTERVAL																					
Homogenous, saccharoidal limestone. Rare banding and calcite-healed microfractures.																					
81.3	**88.78**	**7.48**	LST	100	0	0	0	-	-	-	< cf	w	-	-	S	F	w	40	70	-	-
SUB-INTERVAL																					
Limestone becomes darker (medium grey) with increasing fine, calcite-healed fractures and "stretched-cotton" fractures. Rare stylolitic fractures. Sections of relatively homogenous, saccharoidal LST also occur.																					
88.78	**89**	**0.22**	LST	100	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-INTERVAL																					
Broken, rubbly version of the previous interval. Medium, gravel-sized, angular pieces.																					
89	**103.05**	**14.05**	LST	See sub-intervals																	
Weakly mottled (curdled milk) limestone. Beige to light grey in colour with many fractures and stylolitic sutures. Weak, patchy iron-staining. Localized, irregular, cavity-filling calcite.																					
89	**101.12**	**12.12**	LST	95	5	0	0	-	-	-	< cf	w	-	-	S	W	w	70	10	-	-
SUB-INTERVAL																					
Very weak to weak reaction to zinc zap, particularly on exposed fracture faces.																					
101.12	**102.05**	**0.93**	LST	90	10	0	0	-	-	-	< cf	m	-	-	K	S	m	-	-	-	-
SUB-INTERVAL																					
Very dense fine fractures filled with pale orange calcite. Reacts weakly to zinc zap. Fractures are randomly oriented.																					

GEOTECHNICAL

From (m)	To (m)	Rec. (m)	Rec. %	RQD (m)	RQD %
102.72	105.77	2.81	92	1.58	52
105.77	108.82	3.04	100	2.39	78
108.82	111.87	3.05	100	2.69	88
111.87	114.91	3.05	100	2.74	90
114.91	117.96	3.01	99	2.67	88
117.96	121.01	2.71	89	2.85	94
121.01	124.05	2.78	91	2.26	74
124.05	EOH				

SAMPLES / ASSAYS

From (m)	To (m)	Interval (m)	Sample Number	Zn %	Pb %	Ag g/t	Ga ppm
96.05	98.05	2.00	G005594	0.02	0.00	< 1	< 50
98.05	100.05	2.00	G005595	0.01	0.00	< 1	< 50
100.05	102.05	2.00	G005596	0.02	0.00	< 1	< 50
102.05	103.05	1.00	G005597	1.78	0.02	< 1	< 50

PROPERTY **MICHELLE CALAMINE**

Hole: MCH-08-14 | Zone: Peak | CLAIM: Michelle 22

Northing: 7207368 | Easting: 368294 | Elevation: 1692 m | Depth: 124.06 m

Drilling Da: August 11-12, 2008 | Logged By: S. Eaton | Dip: 45°

Length: 124.06 m | Core Diameter: BTW | Casing Depth: 3.05 m | Casing: OUT | Azimuth: 178°

From	To	Interval	UNIT	ALTERATION AND MINERALIZATION																			GEOTECHNICAL						SAMPLES				ASSAYS			
				HYDROZINCITE				LIMONITE			CALCITE		DOLOMITE		FRACTURES					BEDDING			From	To	Rec.	Rec.	RQD	RQD	From	To	Interval	Sample	Zn	Pb	Ag	Ga
(m)	(m)	(m)																					(m)	(m)	(m)	%	(m)	%	(m)	(m)	(m)	Number	%	%	g/t	ppm
102.05	**103.05**	**1**	LST-Fe	0	W	M	S	MODE	TYPE	INT.	MODE	INT.	MODE	INT.	TYPE	DENS.	INT.	ANGLE	ANGLE	TYPE	ANGLE															
SUB-INTERVAL				20	70	10	0	-	-	-	<	f	-	-	S	M	f	60-70		-	-															
Moderately to strongly iron altered with abundant, iron-stained fractures. Weak iron-stained cavities. Weak pervasive reaction to zinc zap, becomes moderate on fractures. Fractures oriented at various angles, with 1 set at 60-70º to core axis.																																				
103.05	**124.05**	**21**	LST-Fe	99	<1	0	0	-	-	-	< cf	w	-	-	S	W	tw	25	65	B	60-65															
																			0-10																
Dark, geographic (strongly mottled) limestone. White clasts in medium to dark grey matrix (both components react strongly to HCl). Sometimes clast dominant, sometimes matrix dominant.																																				
103.05	**104.73**	**1.68**	LST-Fe	30	65	5	0	-	-	-	< cf	f	-	-	K	S	m	-	-	-	-								103.05	104.73	1.68	G005598	0.34	0.00	< 1	< 50
SUB-INTERVAL																													Blank			G005599	0.01	0.00	< 1	< 50
Moderately iron-altered, strongly fractured and iron-stained limestone. Fractures are fine, dense and occur at various angles. In geographic limestone.																													104.73	105.73	1.00	G005600	0.05	0.00	< 1	< 50
104.73	**105.73**	**1**	LST	95	5	0	0	-	-	-	<	w	-	-	S	F	w	23	45	-	-															
SUB-INTERVAL																																				
Weakly iron-altered, broken up limestone with weak to moderate iron-stained fractures. Weak reaction to zinc zap.																																				
107.29	**107.45**	**0.16**	?	99	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
SUB-INTERVAL																																				
Dark grey-brown, fine grained, blobby, irregularly shaped clay lump or bitumen. No reaction to HCl. Scratches with knife. Fine banding parallels edges. Weak reaction to zinc zap in rocks directly adjacent to it. No reaction to HCl in surrounding rocks.																																				
109.49	**109.57**	**0.1**	?	99	1	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
SUB-INTERVAL																																				
Same as above.																																				
117.7	**120.44**	**2.74**	LST	100	0	0	0	-	-	-	cf <	t	-	-	S	W	tw	25	-	B	60-65															
SUB-INTERVAL																																				
Geographic limestone with overprinted banding. Occasional bands of silty brown material.																																				