

DRILL HOLE LOG

Hole: MCH 07-02 Zone: 8W
 Northing: 7208214 Easting: 372,817 Elevation: -
 Drilling Dates: JULY 23-24/07 Logged by: M.P. PHILLIPS
 Length: 142.34m Core Size: BTW Casing: 2.13 (m) in/out

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Visual Log			From	To	Interval	Unit	Alteration and Mineralization												From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		GH	SL	SM	PY	LI		CA	HE		FR	BD	ZN	(m)	(m)	(m)	Number
			0.00	2.13	2.13	LIMS																
			0-2.13 no recovery; 2.13 bedrock.																			
			2.13	5.18	3.05	LIMS	X	0	0	0	0	0	B4	0		L65	T					
			LS-vltgy with ltgy-blebs, lm wisps schists, occ mottled - Ca-small to large blebs (fossils?) & vt(w); Zn-very wk oxd on fr. fr - +10°(wk) +80° calc.																			
			5.18	8.23	3.05	LIMS	X	0	0	0	0	0	B4	0		L65	T					
			LS vltgy with ltgy- lm wisps & vt thin-thin bd; Ca-blebs, bdbkbs. vt																			
			8.23	11.28	3.05	LIMS	X	0	0	0	0	0	B4	0		L65	T					
			LS vltgy with ltgy, lm wisps, lm cast & clasts; fr +25+50° Cb-oo above.																			
			11.28	14.33	3.05	LIMS	X	0	0	0	0	0	B4	0		L65	T					
			LS-v ltgy with wk ltgy lm wisps spec; thin bd; Ca-blebs, lm blebs & vt (fossils?) fr - crack fr +10 & +70°; Ca-occ zoned-light gy very fine grained core & off white fine grained (do?) rim																			
			14.33	17.37	3.04	LIMS	X	0	0	0	0	0	B4	0		L65	T					
			LS-as above, lm-thin bd; fr +70°-30°(v wk); Ca-as above; occ fr wk weathered & halo buff colored																			
			17.37	20.42	3.05	LIMS	X	0	0	0	0	0	B8	0		L65	T					
			LS-v ltgy & ltgy mottled & lm-v thin bd; Ca-blebs, lm blebs & br matrix																			

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Hole: MCH 07-02 Zone: _____
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 Drilling Dates: _____ Logged by: _____
 Length: _____ Core Size: _____ Casing: _____ (m) in/out

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Visual Log			From	To	Interval	Unit	Alteration and Mineralization												From	To	Interval	Sample				
V	S	(m)	(m)	(m)	(m)		GA	SL	SM	PY	LI		CA	HE		FR	BD	ZN	(m)	(m)	(m)	Number				
			20.42	23.47	3.05	LIMS	X	0	0	0	0	<T		B3	0		L 65°	0								
																30										
								LS - vlt gy, v wk ltgy Lm swipes, thin & med tk bd; Ca - small bleb, Lm bleb Lm; fr - +30° & -65° coct fr; li - red orange = hc??																		
			23.47	26.52	3.05	LIMS	X	0	0	0	0	<T		B4	0		L -	0								
			26.10	26.37	0.27	FRZN	X					CT					20°									
								LS - vltgy, v wk Lm swipes ltgy, thin - mostly med tk bd; li - as above 26.10 - 26.37 - buff colored (weathered) cavities common, ca xl in cl, - trace boxwork, fr related? - in h/w, icr fr - looks more like water chon no l'																		
			26.52	29.57	3.05	LIMS	X	0	0	<T	0	<L		B3	<L		L 60	0								
																	W									
								LS - vltgy with wk. light gy - Lm, blebs, thin mostly med bd; fr - +30° - 60° (hc), locally to W intensity; li - ex hc; hc - xls very fine, icr. oxd & weathering on fr; sm - trace on fr, cdo variety																		
			29.57	32.61	3.04	LIMS		0	0	<T	0	0		B2	<L		L 65°	0								
																	W									
								LS - vltgy & ltgy interbedded & mottled; Ca - as above; fr - occ narrow band W, +60° & -20° (W); 2. fr - hc & sm - asc; icr. oxd on stronger fr																		
			32.61	33.60	0.99	LIMS	X	0	0	<T	0	0		P	<L		M -	0								
																	S									
								LS - vltgy & buff (oxd); fr +30° & -60°, fair occ strong hc & asc - sm; fr often crumbly weathered;																		
			33.60	35.66	2.06	LIMS	X	0	0	<T	0	0		P	<T		L -	0								
																	A									
								LS - vltgy & ltgy - bd & mottled, thin bd; fr - +20° & -60°, locally up to A, most L; fr - hc & trace sm.																		
			35.66	36.50	0.84	LIMS	X	0	0	?	0	0		P	<T		W 60°	0								
																	A									
								LS - as above; fr +60° & -10°, W - icr to btment - A; sm - ?																		

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Visual Log			From	To	Interval	Unit	Alteration and Mineralization												From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)		GL	SL	SM	PY	LI		CA	HE		FR	BD	ZN	(m)	(m)	(m)	Number
			36.50	38.00	1.50	LSFR X	0	0	DL	0	0		P < 2			X	-	0				
																S						
						LSFR - red bwn. highly weathrd to sand, and vltgy; fr - to small fragments = X & core S, strong coating hc on fr with sm - aso.																
			38.00	38.71	0.71	LIMS X	0	0	ZT	0	0		B I < L			M	-	0				
						LS - vltgy & ltgy banded & mottled; fr - +30° - 50°, hc & ls aggregates to 5mm on fr; wk oxd on fr																
			38.71	41.76	3.05	LIMS X	0	0	ZT	0	0		BW < T			W 60		0				
						LS - vltgy with wk ltgy. Lm - v thinbd; fr +50° - 15°, fr hc der. to btm																
			41.76	44.81	3.05	LIMS X	0	0	ZT	0	0		B 10 K L			L 65		0				
						LS - ltgy. Lm - thinbd; Ca - vt < 1mm - wk in 20cm section strong bleb & Lm ~40% fine pits to 42.75; hc - der below. 42.25m. on +60°(S) & -30°(W) fr. fr der W to L down section																
			44.81	47.85	3.04	LIMS X	0	0	ZT	0	0		B 5 < L			W 65		0				
						LS - ltgy, Lm - thinbd; Ca - wk < 1mm vt, most in patches with bleb & Lm bleb; hc - transported & low - trace in situ. Wk sand on fr & in 20cm bands. sm - aso. on fr; fr - vague +60°(S) & -30°(W)?																
			47.85	50.90	3.05	LIMS X	0	0	ZT	0	0		B 4 K L			W 65		0				
						LS - vltgy & ltgy, Lm - thinbd Ca - wk < 1mm vt, mostly blebs & Lm blebs. fr - v wk +65° & +10°(stk) with fine hc. xls;																
			50.90	53.95	3.05	LIMS X	0	0	0	0	0		B 2 < T			L 55		0				
			52.0	53.85	1.85	LSWT 60	0	0	0	0	0		< L			S?						
						LS - as above; fr - 10° minor hc - most transported; 520-5385 - orange bwn. 'sanded' ls, appears to be related to -20-30° fr - strong?																

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Zone:

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Nothing:

Easting:

Elevation:

Drilling Dates:

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Length:

Core Size:

Casing:

(m) in/out

Depth:

Dip:

Azim:

Visual Log			From	To	Interval	Unit	Alteration and Mineralization																From	To	Interval	Sample										
V	S	(m)	(m)	(m)	(m)		G	L	S	I	S	M	P	Y	L	I		C	A	H	E		F	R	B	D	Z	N	(m)	(m)	(m)	Number				
			53.95	55.80	1.85	LIMS	X											B	3						L	65										
LS - vltgy & ltgy, thin-med bd, cbn(?) partings; Cb wk vt mainly blk-b - lm blk-b.																																				
			55.80	57.00	1.20	LIMS	X																									55.80	57.00	1.20	G086988	
LS, BR ?																																				
LS - 'sanded' ls, fair blk-b, black & orange L - oxd. hc?; 'sanded' - fr & oxd; in a few places look like br; sm - very fine asc & spider like webs(?) - drill fluid additive?																																				
			57.00	57.81	0.81	LSBR	X																										57.00	57.81	0.81	G086989
as above; let - fairly sharp																																				
			57.85	60.05	2.20	LIMS	X																													
			58.15	58.50	0.35	LSFR																														
LS - vltgy & ltgy, thin bd; fr - stk +50°, -50° - lt coating hc; 58.15m = stk. +60° -40° both strong with ior hc coating fr & in part sanded.																																				
			60.05	63.09	3.04	LIMS	X																													
			61.08	61.50	0.42	LSFR	X																													
LS - vltgy, minor ltgy, thin bd; Ca - blk-b & vwk fr; fr. +60° -45° - coat hc most looks transported, sm - trace asicular; 61.08 - fr zone oca - 'sanded'																																				
			63.09	66.14	3.05	LIMS	X																													
			63.63	63.80	0.17	LSFR	X																													
LS - vltgy - wltgy; Ca - wk envt, mostly blk-b & bd blk-b. 63.63 - 'sanded' - ior. fr. = LS WT																																				
			66.14	69.19		LIMS	X																													
LSFR 15																																				
LS - vltgy & ltgy, mottled v thin - thin bd; Ca - blk-b. & bd blk-b to 3cm. fr +35° -45° - hc coated; LSFR - ior fr & hc.																																				

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(m) in/out

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Visual Log			Alteration and Mineralization																				
V	S	(m)	From (m)	To (m)	Interval (m)	Unit		Gn	SL	SM	PY	LI		CA	HE		FR	BD	ZN	From (m)	To (m)	Interval (m)	Sample Number
			69.17	72.24	3.05	LIMS	X	o	o	o	o	o		B3	<L			L	45	o			
			70.37	70.57	0.20	LSWT	X								ZI			A	-	o			
LS - vltgy & wk lty, Lm-med thinbd; Ca - blk mostly Lm blcks; 70.37 - sanded, speck hc common;																							
			72.24	75.29	3.05	LIMS	X	o	o	o	o	o		B3	KL			L	60	o			
			72.24-73.80	1.56		LSWT	B6	o	o	D	T	o	P										
LS - as above; Ca - mainly Lm blcks; fr - +30°(W) & -15°(L) - hc coated. 72.24 - sanded bands - 15-30cm wide, on btm band - 30° fr - strong black orange li - hc? y+hc? oxd.																							
			75.29	77.00	1.71	LIMS	X	o	o	o	o	o		B2	KW			A	-	o			
fr +0-10°(A) & -30° - with heavy spotting oxd. hc; fine blk black metallic hard mineral on fr; LS - as above.																							
			77.0	78.33	1.33	LIMS	X	o	o	o	o	o		B2	<L			W	60	o			
LS - lty, Lm;																							
			78.33	81.38	3.05	LIMS	X	o	o	o	o	o		B3	KL			W	60	o			
LS - v. lty & lty, Lm-med thinbd; fr - v wk +30°(S) & -35°W with wk fine speckling of hc, hc xl rare more of a coating;																							
			81.38	84.13	3.04	LIMS	X	o	o	o	o	o		B8	±T			S	70	o			
			83.35	83.57	0.22	LSWT	X											X					
LS - v. lty & lty Lm - thin bd, mottled, wk patchy buff (hc); fr - 10° to S +20° to -10° stk; Ca - up to 5cm large blcks & small blcks; 83.35 - 83.57 0.22 LSWT - orange colored & sanded.																							
			84.23	84.43	0.20	LSFR	X	o	o	o	o	o		o	<T			X	-	o			
LSWT																							

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Nothing:

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(m) in/out

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Dip:

Azim:

Visual Log			Alteration and Mineralization															From	To	Interval	Sample
V	S	(m)	(m)	(m)	(m)	Unit	GW	SH	SM	PY	LI	CA	HE	FR	BD	2N	(m)	(m)	(m)	Number	
			84.43	86.05	1.62	LSFR	X	0	0	0	0	0	0	-KT	S	-	0				
			fr - irrgy looks stk + 30° ± 30°; hc - transported?; fr in place looks bc, weak sande																		
			86.05	87.47	1.42	LIMS	X	0	0	0	0	0	0	B2 <T	L50	0					
			LS - vltgy & wkltgy, patches buff-oxd; fr sh, v wk speckling hc;																		
			87.47	90.53	3.06	LIMS	X	0	0	0	0	0	0	B5 KL	W + 45°	0					
			LS - vltgy to lt gry. Lm - thin bd; buff(oxd) patches common. Ca - small large blobs irrgy vt; fr - dip out along dip roughly +45° ± 45°; LS bds - reversed dip - fossil mound?																		
			90.53	93.57	3.04	LIMS	X	0	0	0	0	0	0	B3 <L	W50	0					
			LS - vltgy & ltgy, mod patchy buff, thin - mod thin; fr + 30°(s) ± 60°(L) ± 30°; specks hc - largely oxd.																		
			93.57	96.62	3.05	LIMS	X	0	0	0	0	0	0	B6 KT	W50	0					
			96.40	96.62	0.22	LSBC	X								X						
			LS - vltgy, patchy buff(oxd) Lm - thick bd. Ca - 15cm blobs & small blobs; fr - +40°(s) ± 35°(W), both dip out along dip; hc on tr - insitu & tpt. ; 96.40 - 96.62 - vlt 25° - sande with minor to																		
			1cm ls fr - bc - br(?)																		
			96.62	96.85	0.23	LSBC	X	0	0	0	0	0	0	<T	X	-	0				
			BC - BR - to 1cm angular clasts in sand-grit matrix, clasts not rotated																		

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Nothing:

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Dip:

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V	S	(m)	(m)	(m)	(m)		BL	SL	SM	PY	LI		CA	HE		FR	BD	2N	(m)	(m)	(m)	Number			
			96.85	99.67	2.82	LIMS X	0	0	0	0	0		73	KT		S	-	0							
LS-v ltgy, fair patchy buff; fr - often stray planar, +10°-50° with rare in situ hc. black transported hc?; Ca vt to 4cm. & small blebs;																									
			99.67	100.50	0.83	LS BC X	0	0	0	0	0		42	0		X	-	0							
			100.50	102.71	2.21	LIMS X	0	0	0	0	0		110	0		S	-	0							
LS-v ltgy - mod above average patchy buff colored; Ca - up to 10cm vln & small blebs; fr +25°-60°(w); BC - planar fr & little sand matrix;																									
			102.71	105.77	3.06	LIMS X	0	0	0	0	0		B10	<T		A	60°	0							
						LS BC 3																			
LS-v ltgy - buff colored, lm - thin bed; Ca - bleb - to 25cm., small blebs & vt; fr +30°-70°; ± 10cm band bc																									
			105.77	108.81	3.04	LIMS X	0	0	0	0	0		B2	<T		A	-	0							
LS-v ltgy, mod patchy buff; fr +30°(s) & -60°(w) at top narrow. BC bands (<8cm), hc - transported black sooty																									
			108.81	111.86	3.05	LIMS X	0	0	0	0	0		B2	0		A	-	0							
																M									
LS-v ltgy & mod buff patches; fr +30°(s) & -60°(w), 4cm bc - wk. Sand matrix																									
			111.86	114.70	3.04	LIMS X	0	0	0	0	0		B3	<T		A	40°	0							
						LS BC 35										S									
LS-v ltgy & ltgy, dot buff below vct; fr +30° & -50°(w), middle 1.10m band fr(s) to wk bc; hc - rare sooty (transported) on fr; Ca - small & lm blebs, vwk vt.																									
			114.90	117.95	3.05	LIMS X	0	0	0	0	0		B2	<T		A	50°	0							
																S									
LS-v ltgy, buff patches fair, lm - v thin; fr att A & S density, occ narrow poorly dev. bc bands <3cm, +25° & -60°(w); trace hc-transported Ca - small blebs & lm blebs																									

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Northing:

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V	S	(m)	(m)	(m)	(m)		BL	SL	SM	PY	LI	CA	HE	FR	BD	ZN	(m)	(m)	(m)	Number					
			117.95	121.01		LIMS	X	0	0	0	0	0	0	0	0	0									
						LSBC	X																		
						LS - vltgy, mod patches buff colored; fr +30% -45%; up to 50cm; bands 5fr with narrow weak bc; Cb - small blebs; bc - transported.																			
			121.01	124.05		LIMS	X	0	0	0	0	0	0	0	0	0									
			123.35	124.05		LSBC	X																		
						LS - vltgy, mod buff color, lm - vthin; Cb - blebs to 2cm; minor vts; 122.7m - 5cm 40% vwk bc; below 123.35 fr(s) to vwk bc, +40% -60% (w)																			
			124.05	127.10		LIMS	X	0	0	0	0	0	0	0	0	0									
			124.05	127.10		LSBC	X																		
						LS - vltgy & ltgy mottled, patchy buff color fair, lm - thick(?) bd; fr - +40% (s) -50% (w), ~10% < 5cm band fr(s) grading in places to vwk bc																			
			127.10	130.15		LIMS	X	0	0	0	0	0	0	0	0	0									
			127.10	127.50		LSBC	X																		
						LS - vltgy, mostly ltgy, lm - thk(?) bd, Ca - spots & blebs (to 2cm) fr - +45% (s) -50% (w), top 40cm S with <2m bands wk bc; fr - orange & blk, lm with trace asc. sm																			
			130.15	133.20		LIMS	X	0	0	0	0	0	0	0	0	0									
						LS - lt olive gy, thk bd?, fr - rare, irregular stk crack fr abundant in up to 20cm bands - total 20%; sm - asc. on crack fr; Ca - as above																			
			133.20	136.25		LIMS	X	0	0	0	0	0	0	0	0	0									
						LS - ltgy, minor vltgy, mod thk bd; SX - black coating (oxd) - fresh brittle silvery gray non magnetic; Ca - blk to 3cm, bleb lm, spots & vt; SX - possible AS																			
			136.25	139.29		LIMS	2	0	0	0	0	0	0	0	0	0									
						LS - vltgy & ltgy, med - med thk; Ca - small - large blebs (to 2cm) spots & vts; fr - core broken, gash; fr with T to h. black insitu oxd. SX - AS?																			

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[illegible]