

DRILL HOLE LOG

Hole: MCH 07-07 Zone: 8W
 Northing: 7208.451 Easting: 372744 Elevation: -
 Drilling Dates: JULY 29-30 Logged by: MP PHILLIPS
 Length: 142.34m Core Size: BTW Casing: 2.13 (m) in/out

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Visual Log			Alteration and Mineralization													Sample				
V	S	(m)	From (m)	To (m)	Interval (m)	Unit	GL	SL	SM	PY	LI	CA	DO	FR	BD	ZN	From (m)	To (m)	Interval (m)	Sample Number
			0.00	2.13	2.13	CASN	X													
			Recovery 0%																	
			2.13	5.18	3.05	LIMS	X	0	0	0	0	0	0	0	0	0	0			
			LS - ltgy & med ltgy wk mottled, fine grnd, thin-med bdded; Ca - vt, br matrix & blebs (fossils?)																	
			5.18	8.23	3.05	LIMS	X	0	0	0	0	0	0	0	0	0	0			
			LS - vtltgy, ltgy & med ltgy mottled, lm v thick & med bd; Ca - br matrix lm, spots & blebs; fr v wk with trace py & lm; +70°-45° stk.																	
			8.23	11.28	3.05	LIMS	X	0	0	0	0	0	0	0	0	0	0			
			LS - ltgy to med ltgy; Ca - vt (excl) to 10mm sh + stk & br matrix fr - wispy v wk with py, li & sm; LS - lmbd black chn(?) specks py - fr occ dis																	
			11.28	14.33	3.05	LIMS	X	0	0	0	0	0	0	0	0	0	0			
			LS - vtltgy & lt med gy, thick bd, wk mottled, 30cm bend - wk lm block abr(?) speckling; fr - 2 bands ~15cm; M-A fr wk weathered Ca - sh + stk vt to 5mm.																	
			14.33	17.27	3.04	LIMS	X	0	0	0	0	0	0	0	0	0	0			
			15.00	17.33	2.33	LSFR	30													
			LS - as above, thick bd; fr - 10r below 1500m - bands (30%) 10 to 30cm fr = S, stk + 60° - 70° weathered = boxwork li & trace sm; fr - rare shr plane; Ca - zoned, also core with white rim (do ca)																	
			17.27	20.12	3.05	LIMS	X	0	0	0	0	0	0	0	0	0	0			
			17.33	18.45	1.12	LSFR	50													
			LS - as above, tk bd, mottled; to 18.45 bands ~20cm fr = S of kn strong boxwork li + minor sm + 55°; fr - sh + stk. Ca - stk irreg vt, blebs & spots; Wk. fr zone 15.0-18.45m.																	

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Hole: MCH 07-07 Zone: _____
 Northing: _____ Easting: _____ Elevation: _____
 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)		GL	SL	SM	PY	LI	CA	DO	FR	BD	ZN	(m)	(m)	(m)	Number						
			20.42	23.47	3.05	LIMS X	0	0	0	KT	0	KL	K.5	0	M	-	0									
LS - ltgy & med ltgy, thick bd, mottled; Ca - sht-stk (irreg) to 10 mm, av 3 mm, spot & blebs; fr - irreg, v wk, varies M-A, occ. 50° fr boxwork li coated + r. sm - dsc																										
			23.47	26.52	3.05	LIMS X	0	0	0	KT	0	KL	K.3	0	W	3	5	0								
LS - ltgy & med ltgy, mottled thin & tk bd; fr W locally to A, sht-stk + 70° - 15° (v wk); Ca - sht-stk, irreg, < 10 av 1-2 mm, spots & small blebs. li - weak rare thin boxwork lined;																										
			26.52	29.57	3.05	LIMS X	0	0	0	KT	0	KL	K.3	0	L	4	0	0								
LS as above, med + tk bd, mottled; fr - v wk, irreg fr plane;																										
			29.57	32.61	3.04	LIMS X	0	0	0	0	KT	0	KL	CP	M	4	5	0								
LS as above, mottled med bd, bd - oolitic; fr - narrow bands to A but v wk; one fr + 45° - 15 mm br - clasts in sand matrix; fr sht-stk + 45° - 70° Ca - stk vt < 10 mm av 3 mm, zoned.																										
			32.61	35.66	3.05	LIMS X	0	0	0	0	KT	0	K.3	0	L	3	5	0								
LS - as above, mottled, thin - thick bd; fr - variable. h - A but very wk - more of a microfr; Ca - sht-stk vt < 5 mm av 1 mm; blebs & 'br matrix';																										
			35.66	38.71	3.05	LIMS X	0	0	0	0	KT	0	K.3	0	M	-	0									
LS mainly med ltgy, minor ltgy, patches & lin. black chn. specks, thick bd; 3 cm 45° br - clasts sand matrix with wide halo sht cavts; Ca - sht vt < 2 mm 'br' matrix spots & blebs; fr - variable density but very weak intensity																										
			38.71	41.76	3.05	LIMS X	0	0	0	0	KT	0	KL	0	S	-	0									
LS - med ltgy tk bd, nonmottled; fr - S microfr, die out along strike &																										

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Nothing:

Easting:

Elevation:

Drilling Dates:

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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)		GL	SL	SM	PY	LI	CA	DO	FR	BD	ZN	(m)	(m)	(m)	Number	
			41.76	44.81	3.05	LIMS	X	0	0	0	0	KT	K3	WP	M	55	0				
			43.25	44.32	1.07	LSFR	50			KT	KW				S						
LS - med ltgy, tk bd; fr - M density but more of a micro fr; Ca - stkyt to 5mm, az < 1mm, br matrix; 43.25 - 44.82 - ~50% bands to 15cm strong fr - wk BC + 70's - 50°, wk leached cavt, mudding 50° 5cm. br - ca matrix																					
			44.81	47.85	3.04	LIMS	X	0	0	0	0	KL	WP		W	-	0	44.81	47.85	3.04	G086978
			45.75	47.85	2.10	LSFR	80	0	0	KT	0	KW			S						
LS - ltgy & med ltgy; below 45.75 fr - vwk bc locally, fr + 65 & - 40°, cy on fr, ooc cavt leached, minor boxwork li, fr 10r to btm ent																					
			47.85	49.10	1.25	LSFR	X	0	0	CL	0	WW	KL	WL	S	-	0	47.85	49.10	1.25	979
LS - ltgy to lt bwn (supatt), fr - 10r. to btm ent oxd fr - S. locally fair bc; wk fr boxwork li; cavt - leached 49.0 - 30° 5cm. dk bwn;																					
			49.10	50.90	1.80	LSBR	X	0	0	C3	0	WW	0	0	S	-	0	49.10	50.90	1.80	980
top cnt trn; dk. orange bwn, intense supatt, ooc light bwn at top - bc wk - fair boxwork li; sm - strong speck dco & asc; rock - br? - bc?																					
			50.90	53.30	2.40	LSBR	X	0	0	C1	0	CL	0	0	S	-	0	50.90	53.30	2.40	981
50.90 - 52.25 - probable location of 1.35m core loss; similar to above; dk, orange-bwn, wk small vugs, wk small patches boxwork, fr - S? looks W + 50 & - 30°; probable bc - br - vague fine clasts; sm - specks dco																					
			53.30	53.95	0.65	LSBC		0	0	CL	0	CL	0	0	S	-	0	53.30	53.95	0.65	982
LS - buff colored, top cnt trn, intense supatt, strong bc - locally, wk br.																					
			53.95	54.75	0.80	LSBR	X	0	0	CT	0	CL	0	0	X	-	0	53.95	54.75	0.80	983
LS - buff colored, clasts in cy matrix, br - 45°																					

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Casing:

(m) in/out

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Dip:

Azim:

Visual Log			Alteration and Mineralization																				Sample					
V	S	(m)	From (m)	To (m)	Interval (m)	Unit	G	L	S	M	P	Y	L	I	C	A	D	O	F	R	B	D	Z	N	(m)	(m)	(m)	Number
			54.75	57.00	2.25	LSBC X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54.75	57.00	2.25	G086984
LS - buff colored, near btm becomes ltgy (dof. sup alt), bc - strong fr occ fr - wk boxwork Li; fr + 70° ± 30°																												
			57.00	60.05	3.05	LSBC X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57.00	60.05	3.05	
LIMS 25 LS - ltgy; fr - S to wk bc to strong bc, occ matrix bc - crushed rx: weak cavities (weathering on fr); weak fr boxwork; sm - fine dbs & asc sm; fr + 35° ± 45°; fr 2 bc weaker, bear btm cnt.																												
			60.05	63.09	3.04	LIMS X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.05	63.09	3.04	
			60.15	60.60	0.45	LSBC 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60.15	60.60	0.45	
LS - med ltgy & med gy, Lm, thin & tk bd; Ca - vt to 10mm zoned, av. 2mm, fine blabs & matrix La, bd; fr - L with tr. L; LS - ltgy. towards btm cnt.																												
			63.09	66.14	3.05	LIMS X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63.09	66.14	3.05	
LS ltgy, tk bd; fr - crack, +60° ± 30° stk, occ. vwk bc with minor Li & sm - dbs & asc																												
			66.14	69.19	3.05	LIMS X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66.14	69.19	3.05	
LS - ltgy mainly occ, med ltgy mottled tk bd; fr - crack, L - stylolites, bd & fr; fr - asc sm																												
			69.19	72.24	3.05	LIMS X	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69.19	72.24	3.05	
LS ltgy, wk mottled, tk bd; Ca - vt < 1mm, spots & blabs; fr - 10r all crack like, 10r Li																												
			72.24	75.29	3.05	LIMS 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72.24	75.29	3.05	
			73.40	74.65	1.25	LSBC 40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73.40	74.65	1.25	
LS - ltgy; Li - 10r. slightly on fr; fr - crack & 10r. fr x-cut calc; Ca - as above; LSBC - buff colored; fr + 60° (S) & + 35° (W), occ < 3cm, br (± 60°) Li - occ. wk boxwork;																												

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Zone:

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Nothing:

Easting:

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Casing:

(m) in/out

Depth:

Dip:

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Visual Log			Alteration and Mineralization																Sample			
V	S	(m)	From (m)	To (m)	Interval (m)	Unit	SL	SL	SM	PY	LI	CA	DD	FR	BD	ZN	From (m)	To (m)	Interval (m)	Sample Number		
			75.29	77.0	1.71	LIMS X	0	0	<T	0	<L	<1	0		A	65	0					
			76.30	76.50	0.20	LSBC 10	0	0	<L	0	<L				S	-	0					
LS - lt gy & med lt gy interbedded, tk bd; fr - cracks occ x-cut core; Ca - vt, wisps bd, fine blebs - spots; LSBC - 45°; wk boxwork li;																						
			77.00	78.33	1.33	LSBC X	0	0	<L	0	WL	<1	0		S	-	0					
LSBC - buff colored & med lt gy; bc - varico from. wk to strong, - approaching wk. br; Lc - L occ. patch boxwork on fr, -																						
			78.33	81.38	3.05	LIMS X	0	0	<T	0	<T	<4	0		A	65	0					
LS - med lt gy; tk bd; fr - crackle strong; Ca - vt < 0.5mm - 2mm; br' matrix & blebs.																						
			81.38	84.43	3.05	LIMS X	0	0	<T	0	<T	<2	0		A	60	0					
			83.77	84.15	0.38	LSBR X	0	0	<T	0	<T				S							
LS - lt gy; fr - strong crackle, occ < 1cm. bc - br 30° LSBR - clay-grit matrix, clasts to 2cm																						
			84.43	87.48	3.05	LIMS X	0	0	<T	0	<T	<2	0		A	65	0					
LS - lt gy & med lt gy weak mottled & thin-med bd; fr - to A occ < 1cm. bc. irregular band																						
			87.48	90.53	3.05	LIMS X	0	0	0	0	<T	K3	0		M	45	0					
LS - mainly lt gy, some med dk. gy, occ mottled, irreg patches - dis cbn(?) specks fr - notable det.; Ca - stk vt < 2mm, blebs & 'br' matrix																						
			90.53	93.57	3.04	LIMS X	0	0	0	0	<T	<2	0		M	60	0					
LS, mainly lt gy, occ med light gy mottled; patch - dis cbn(?) specks & pitting along Ad(?); Ca - vt, lense-like bleb (bd - fossil?) & 'br' matrix																						

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Northing:

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Visual Log			Alteration and Mineralization												From	To	Interval	Sample		
V	S	(m)	(m)	(m)	(m)	Unit	GL	SL	SM	PY	LI	CA	DO	FR	BD	ZN	(m)	(m)	(m)	Number
			93.57	96.62	3.05	LIMS	X	0	0	<T	<T	<T	<1	0		A 65	0			
LS - ltgy & med ltgy, lm-med bd; Ca vt <2mm, bd-blebs; lc-fr & stylotitic bedding																				
			96.62	99.67	3.05	LIMS	X	<T	0	0	<T	<L	<2	0		W 60	T			
LS - ltgy & med ltgy mottled, thin & tk bd; Ca vt <2mm, blebs & spots (fossils?); GL-fr; fr-W locally, crack fr. A, fr-1 core width cut; lc-in situ & top																				
			99.67	102.72	3.05	LIMS	X	0	0	<T	<T	<L	<W	0		W 60	T			
LS - ltgy & med ltgy, occ mottled, thin & med tk bd; fr-W (1x-cut core) locally, crack fr to A; fr stb. +20°-70°, Ca vt, spots, bd blebs (fossils?)																				
			102.72	105.77	3.05	LIMS	X	0	0	<T	0	<L	<1	0	Sb	W 65	0			
LS - ltgy & med ltgy mottled, patches black speck cbn?, med-tk bd, fr-W, locally, A crack fr, li der in fr, Sb? - covt & fr.																				
			105.77	108.81	3.04	LIMS	X	0	0	0	0	L	K 3	0		W 60	0			
LS - ltgy, occ. bd mottled med ltgy-thin-med bd; li der, fr-crack fr absent, x-cut W-W; Ca-stk <2mm, bd blebs (fossils?); li-mostly bd;																				
			108.81	111.86	3.05	LIMS	X	0	0	0	0	<T	K 2	0	Sb	W 55	0			
LS - ltgy, wk med ltgy, lm, lm-med bd, Ca-stk vt <2mm, bd blebs & rare bi matrix; Sb? fr & covt-spots fine x15;																				
			111.86	114.91	3.05	LIMS	X	0	0	0	0	0	B 2 C P			L 40	S			
ltgy & med dk gy both. occ mottled, med-tk bd; Ca-spot & blebs (fossils) & vt <2mm. (zoned);																				

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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	DO	FR	BD	ZN	(m)	(m)	(m)	Number
			114.91	117.96	3.05	LIMS	X	0	0	0	0	LL	W	0	0	0				
LS - ltgy mottled, occ med ltgy mottled, thin-med bd; Ca - vt < 2mm qv, spot a bleb (fossils); Li - bd lin; fr - v wk.																				
			117.96	121.01	3.05	LIMS	X	0	0	LT	0	LL	#2	0	0	0				
LS - ltgy mottled, thin-med bd; Ca - 'bi matrix, sh(w) vt < 2mm; fr - icr. stk + 25 & 45°; Li - icr. styalitic bd & fr.																				
			121.01	124.05	3.04	LIMS	93	0	0	0	0	LL	<2	0	0	0				
CH - 7																				
LS - ltgy & medgy med dkgy interbd; thin to thin-med bd; CH - small blebs & 2cm bd, black;																				
			124.05	127.10	3.05	LIMS	95	0	0	LT	0	LT	<2	0	0	0				
CH - 5																				
CH - black 'bi' matrix in 33cm bd; LS - med ltgy & medgy, black chn(?) parting; btm 80cm ltgy & med ltgy mottled, all thin-med thin bd; fr - li ex 56(?) Ca - vt < 2mm. blebs & wk 'bi' matrix																				
			127.10	130.15	3.05	LIMS	X	0	0	0	0	LL	<2	0	0	0				
LS - ltgy & med ltgy mottled thin & med tk. bd; fr - icr, mainly crack fr. - li (py) absent; Ca - vt < 2mm; blebs & bd blebs (fossils?)																				
			130.15	133.20	3.05	LIMS	X	0	0	LT	0	LT	W	0	0	0				
LS - ltgy, wk mottled, lm - thin bd; fr at vct strong fr + li boxwork. Ca - vt, spots & bd blebs;																				
			133.20	136.25	3.05	LIMS	X	0	0	0	0	LT	B2	0	0	0				
LS - ltgy & med ltgy, v thin, med & med tk bd, occ mottled; Ca - wocmy bleb & spots (fossils) & vt < 2mm; fr - low all crack fr;																				

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[illegible]