

## NiMo PROJECT

**PROPERTY: PE**

**HOLE: PE07-07**

<u>Easting</u>	<u>Northing</u>	<u>Elev.</u>	<u>Depth (m)</u>
452941	7314197	452	164.59

Contractor: North Star  
Drill: MD-002

[illegible]

Core size:	BTW	
Cassing depth:	11.28 (m)	out

Drilling dates: July 12 to 13, 2007

Logged by: D. MacDonald

Target: Lower elevation, attempting to pass through DMI unit

[illegible]

SAMPLES
Numbers: C385555 - C385565
Total: 11
Date sent: July 23, 2007

COMMENTS	

HOLE: PE07-07

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HOLE: PE07-07

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PROPERTY: PE

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Struct.		LITHOLOGY						Notes:	ALT.		MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS							
		From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier			Ca	Sx	Fe		From (m)	To (m)	Interval (m)	Sample	Ni (ppm)	Zn (ppm)	Mo (ppm)	From (m)	To (m)	Intvl. (m)		REC	RQD			Hardness	Frequency	Attitude	Shape	Roughness	Infilling
Type	Altitude																								(m)	Percent	(m)	Percent	Weathering							
																						121.92	124.97	3.05	3.08	101	1.99	65	FR	MS	12	5	3	2 gyp Py		
																						124.97	128.17	3.20	3.04	95	2.30	72	FR	MS	15	80	1	1 gyp		
																						128.01	131.06	3.05	3.01	99	2.57	84	FR	MS	8	5	1	2 gyp		
																						131.06	134.11	3.05	3.08	101	2.48	81	FR	MS	6	5	1	2 gyp		
																						134.11	137.16	3.05	2.88	94	2.08	68	FR	MS	10	80	1	1 gyp		
																						137.16	140.21	3.05	2.91	95	2.45	80	FR	S	5	80	1	1 gyp		
																						140.21	143.26	3.05	3.11	102	2.79	91	FR	S	4	80	1	1 gyp		
																						143.26	146.30	3.04	3.16	104	2.60	86	FR	S	4	80	1	1 gyp		
																						146.30	149.30	3.00	3.15	105	2.78	93	FR	MS	3	80	1	1 gyp		
																						149.35	152.40	3.05	3.06	100	2.18	71	FR	MS	6	5	1	2 gyp		
																						152.40	155.45	3.05	3.12	102	2.47	81	FR	MS	5	80	1	2 gyp Py		
BD	80				LST	DMI	LA	GY	154.02 - 154.34 m Grey, fg sandy carbonate silt with gradational upper contact (5 cm) into overlying black shale; slight coarsening downward trend, with rare Py lenses at bottom of interval (1 cm x 3 mm)	w		+	+																							
BD	80				SHL	DMI	LA	BK	154.34 - 154.48 m Same BK SHL as in interval 76.81 - 154.02 m	w		+										155.45	158.50	3.05	2.90	95	2.77	91	FR	MS	2	80	1	1 gyp		
BD	80				LST	DMI	LA	GY	154.48 - 154.61 m fg - mg grey limestone (silty to fg SS) with sharp upper and lower contacts, finely bedded with rare carbonate lenses (1 cm x 2 cm)	w		+																								
BD	80				SHL	DMI	LA	BK	154.61 - 154.64 m Same BK SHL as above	w		+																								
BD	80				LST	DMI	LA	GY	154.64 - 155.34 m fg, silty grey, flat-bedded carbonate SS with several coarsening-upwards cycles, with overall coarsening-upwards trend.																											
BD	80				SHL	DMI	LA	GY	155.34 - 162.81 m Same BK SHL as above, with rare calcite veinlets up to 0.5 cm wide, parallel to BD.	w		+	+									158.50	161.54	3.04	3.09	102	2.75	90	FR	MS	2	5	1	1 gyp		
BD	80				LST	DMI	LA	GY	162.81 - 163.38 m fg, flat-bedded, silty carbonate SS fining downwards, with rare, thin Sx bands (1 mm thick).																											
BD	80				SHL	DMI	LA	GY	163.38 - 164.59 m EOH Same BK SHL as above	w		+										161.54	164.59	3.05	3.00	98	2.41	79	FR	MS	4	5	1	2 gyp		

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Struct.		LITHOLOGY										ALT.		MINERALS		SAMPLES						Blocks			GEOTECHNICAL				JOINTS						
Type	Attitude	From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier	Notes:			Ca	Sx	Fe	From (m)	To (m)	Interval (m)	Sample	Ni (ppm)	Zn (ppm)	Mo (ppm)	From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																										(m)	Percent	(m)			Percent				
		164.59							END OF HOLE																										