

PROJECT: NiMO

PROPERTY: DEER

HOLE: DDH-REN08-28

Easting	Northing	Elev.	Depth (m)
637428	7179953	1375	67.97

Contractor: Orofino
Drill: Zinex A5 B20

Core size: HQ / NQ
Cassing depth: (m) out

Drilling dates: May 27-29, 2008

Logged by: D. Gregory

Target: NiMo horizon at contact btwn DMe and OSr

SURVEY							
Depth (m)	Azimuth	Dip	Method	Depth (m)	Azimuth	Dip	Method
collar	0	-65					

[illegible]

SAMPLES
Numbers: C491954
Total: 1
Date sent: June 4, 2008

COMMENTS	
Lost most of NQ rods.	

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Struct.		LITHOLOGY							ALT.			MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Struct.		LITHOLOGY							ALT.			MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier																Notes:	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																									(m)	Percent	(m)	Percent							
v	52							22.44-22.55 m breccia zone? may also be sedimentary structure? Top 2 cm contain ~ 20% quartz veining with limonite stain dipping ~ 38 degrees but somewhat erratic below this light-med grey matrix infiltrating dark grey siltstone along fracture @ 35 degrees (though also somewhat erratic) matrix ~ 15% of rock last 4 cm ~ 4 cm matrix with angular dark grey clasts, apparently being ripped up and replaced(?). Under side of clasts are coated with 1mm (though can be up to 4mm) milky white quartz. Below this 10 cm of erratic somewhat limonitic v. thin quartz veining (~5% of rock).									17.37	18.90	1.53	1.17	6.19048	0.56	47.86	FR	W	1	60	3	3	Bk					
bed	55																18.90	20.42	1.52	1.52	7.44368	0.69	45.39	MW	W	1	70	3	3	A					
bed	60																20.42	21.95	1.53	1.34	6.10478	0.77	57.46	MW	W	1	60	3	3	A					
v	44							zone of quartz veining where dark grey siltstone has changed to dark green/grey colour (minor chlorite alt?). Zone has been silicified and contains ~ 10% quartz veins varying in size from v. thin to 3 cm but all but one less than .5 cm wide. Large veins tend to have a dark red band 3-4 mm thick on the margin of the vein. minor limonite stain in the smallest veins. Veins tend to dip @ 46 degrees but can be v. erratic. Main vein is from 23.51-23.54 m.									21.95	23.47	1.52	1.08	4.60162	0.66	61.11	FR	W	1	60	3	3	A					
		23.86	24.52	0.66		DMe		v. highly fractured zone with minor clay alt but mostly fine to coarse sand sized.									23.47	24.99	1.52	1.06	4.2417	0.38	35.85	FR	W	0									
		24.52	31.09	6.57		DMe		dark grey cherty siltstone, heavily fractured with ~ 20% v. heavily fractured slightly gaugey section of sand to pebble sized pieces of moderate clay alt. in these sections but t. clay alt. outside of these zones. Trace yellow stain (jarosite?) on fractures.									24.99	26.52	1.53	0.99	3.73303	0.23	23.23	FR	W	0									
bed	51							29.67-30.01 m minor breccia? dip 3 degrees. Contains ~80% med-dark grey/green matrix with 20% sub rounded dark grey cherty clasts 2mm x 2mm to 4mmx 4mm diameter. 4 cm wide on one side and 2 cm wide on other side with and abrupt (parallel to core axis) offset from one side to the other.									26.52	28.04	1.52	0.97	3.45934	0.11	11.34	FR	W	1	60	3	3	A					
								30.56-30.65 m a 1 cm diameter sphere of med grey calcareous siltstone with a mildly limonitic halo.									28.04	29.57	1.53	1.20	4.05817	0.35	29.17	FR	W	2	60	3	3	A					
																	29.57	31.04	1.47	1.38	4.44588	0.63	45.65	FR	W	0									
		31.09	34.14	3.05		DMe		v. heavily ground-up (sand sized) dark grey siltstone									31.04	34.14	3.10	0.20	0.58582	0.00	0	VW	W	0	0	0	0	A					

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Struct.		From (m)	To (m)	Interval (m)	Type	Unit	Texture															Modifier	REC		RQD		Weathering						Hardness
Type	Attitude																						(m)	Percent	(m)	Percent							
			34.14	34.84	0.7		DMe									34.14	35.66	1.52				1.26	3.53337	0.48	38.1	MW							
v	50		34.84	35.3	0.46		DMe																										
			35.3	45.72	10.42		DMe																										
																35.66	38.71	3.05				0.84	2.16998	0.13	15.48	MW							
																38.71	41.15	2.44				0.45	1.09356	0.00	0	M							
																41.15	42.67	1.52				0.18	0.42184	0.00	0	MW							
																42.67	45.72	3.05				0.20	0.43745	0.00	0	MW							
			45.72	50.36	4.64		DMe																										

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Struct.		LITHOLOGY							ALT.			MINERALS			SAMPLES						Blocks			GEOTECHNICAL						JOINTS					
		From (m)	To (m)	Interval (m)	Type	Unit	Texture		Modifier	Notes:							From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling					
																				(m)	Percent	(m)	Percent												
v	42	59.95	60.04	0.09		DMe		light grey fine grained limestone horizon with minor hematite veinlets generally parallel or perpendicular to core axis. Top of the interval is 1 cm wide pyrite horizon with 5% angular DMe clasts (2mm diameter.)							59.95	60.04	0.09	C491955					57.91	60.05	2.14	0.58	0.96586	0.20	34.48	FR		2	50	3	3
v	29	60.04	63.12	3.08		DMe		med-dark grey (slightly brown) mildly calcareous siltstone with minor calcite veining with minor limonite on calcite veins.							60.05	63.09	3.04						2.13	3.37613	1.48	69.48	FR		2	60	2	2			
v	45																																		
		63.12	63.85	0.73		DMe		dark grey cherty siltstone with ~35% 5x3 cm calcareous sub-angular clasts. Clasts have v thin calcite veins. Minor limonite stain around outside of clasts.							63.09	66.14	3.05						0.48	0.72573	0.10	20.83	FR								
		63.85	66.74	2.89		DMe		v ground-up pea sized pieces of dark grey cherty siltstone.																											
		66.74	67.97	1.23		DMe		dark grey cherty siltstone with t. erratic calcite veining <1 mm wide with minor limonitic stain.							66.14	66.45	0.31						0.05	0.07524	0.00	0	FR								
															66.45	67.97	1.52						0.44	0.64734	0.26	59.09	FR								
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