WELCOME NORTH MINES LTD. — DIAMOND DRILL LOG

Brock000039

Collar:
NORTH
EAST
ELEVATION 5040'
LOGGED BY M. McArthur
DATE LOGGED July 23, 1977
MAP REFERENCE 106C/16

Hole Survey			
	Footage	Azimuth	Dip
	185'		-90
Method:			

PROJECT Arctic Red Joint Venture
PROPERTY NAME AB C-ZONE
DRILLING CONTRACTOR Wink International
ASSAYER BONDAR-CLEGG, WHITEHORSE
PURPOSE OF HOLE TEST N. EXTENT LOWER ZONE

HOLE NO. AB 77-5
CLAIM NAME AB 76 (A86200)
COMMENCED July 16, 1977 (P.M.)
FINISHED July 22, 1977 (A.M.)

From	To	Rcvy %	Description	Mineralization	Sample From	Sample To	Sample Width	Sample No.	Assays Zn%	Assays Pb%	SL	PY	Visual Log	Min.
0	2		Casing to 17'											
2	4													
4	6													
6	8													
8	10													
10	12													
12	14													
14	16													
16	18	100	Bioturbated, bituminous dkgy DLST;	Some PY through-										
18	20	100	more well laminated as base	out; generally in										
20	22	100		bituminous matrix										
22	24	100												
24	26	100												
26	28	100												
28	30	100												
30	32	100												
32	34	100												
34	36	100												
25	38	100	- 39' 3 cm DL-CA V 30° to axis											
38	40	100	Grey bioturbated DLST, matrix	PY common in										
40	42	100	may be sparry	matrix rims grains?										
42	44	100		or fragments										
44	46	100												
46	48	100	Dkgy slumped DLST											
48	50	100	Laminated bituminous DLST, fissile											
50	52	100	Dkgy bioturbated DLST											
52	54	100												
54	56	100												
56	58	100												
58	60	100												
60	62	100												
62	64	100												
64	66	100												
66	68	100												
68	70	100	Light grey micritic DLST in a black bituminous											
70	72	100	matrix, slumped and brecciated											
72	74	100	- 73-76' rounded QZ grains 2 mm make up to											
74	76	100	30% of rock											
76	78	100												
78	80	100												
80	82	100												
82	84	100												
84	86	100												
86	88	100	- 88-98' more highly bituminous with black											
88	90	100	DLST about 70% of rock											
90	92	100												
92	94	100		SL matrix D; not in-	93	98	5'	133	1.66	0.12				
94	96	100	- crse SL assoc. with massive PY (GN)	tergrown with PY										
96	98	100	seems later and cross-cutting	SL matrix D & DL V										
98	100	100	Dkgy slightly bioturbated and slumped DLST	DL-BA-SL-PY V	98	100	2'	134	0.14	0.06				
100	102	100		10 cm side, 20° to	100	102	2'	135	0.23	0.03				
102	104	100		core, pyrobitumen										
104	106	100												
106	108	100												
108	110	90												
110	112	100												
112	114	100												
114	116	100												
116	118	100												
118	120	100												
120	122	100	DLST, dkgy, more strongly deformed than previous	(SL) DL BRXC	121	126	5'	136	0.13	TR				
122	124	100	unit	SL D with PY and (SL)										
124	126	100		in DL V										
126	128	100												
128	130	100												
130	132	100		(SL) DL V										
132	134	100												
134	136	100			135	139	5'	137	0.12	TR				
136	138	100	- 137-139' BRXC; 138' blck frags about 1 mm	(SL) DL V; PY D										
138	140	100												
140	142	100	Mdum xaln Hgy DLST, many bituminous irregular											
142	144	100	laminations; some "zebra" DLST											
144	146	100	Ltgy mdum xaln DLST (looks like rexalized oolitic											
146	148	100	DLST); occasional darker stylolitic laminations											
148	150	100												
150	152	100												
152	154	100		PY (SL) D and along										
154	156	100	Light grey sandy, micritic DLST, ± 1 mm QZ sand	laminations										
156	158	100	15-30%	PY along laminations										
158	160	100	Light grey mdum xaln DLST with DL-spar filled	in vert bit stylolite										
160	162	100	mottles, below 168' vuggy											
162	164	100												
164	166	100		PY in vug										
166	168	100												
168	170	100												
170	172	100												
172	174	100	- 1' interbed darker grey mottled, vuggy DLST											
174	176	100												
176	178	100		PY vug										
178	180	100												
180	182	60		(PY, SL) vugs & V										
182	184	60	Oncolitic DLST											
184	185	60	END OF HOLE											