



Brock 000040

Collar:		Hole Survey		
NORTH		Footage	Azimuth	Dip
EAST		248	100°	-70
ELEVATION		5200		
LOGGED BY	M. McArthur			
DATE LOGGED	July 24, 1977			
MAP REFERENCE	106C/16	Method:		

PROJECT Arctic Red Joint Venture
 PROPERTY NAME AB C-ZONE
 DRILLING CONTRACTOR Wink International
 ASSAYER BONDAR-CLEGG, WHITEHORSE
 PURPOSE OF HOLE TEST BA-SL-PY vein mineralization

HOLE NO. AB 77-6
 CLAIM NAME AB 76 (A86200)
 COMMENCED July 22, 1977 (A.M.)
 FINISHED July 23, 1977 (P.M.)

From	To	Rcvy %	Description	Mineralization	Sample				Assays		SL	PY	Visual Log
					From	To	Width	No.	Zn%	Pb%			
0	2		Casing										
2	4												
4	6												
6	8												
8	10												
10	12	100	Medium grained oolitic dolostone	SL, PY in irreg. vert	9	14	5'	138	0.11				
12	14	100	grey to dkgy oolites av. 1 mm diam. in	bituminous stylolite									
14	16	100	generally sparry, sometimes micritic matrix;		14	19	5'	139	0.01				
16	18	100	occasional oncolite 1 cm long with geopetal	Honey SL in DL V									
18	20	100	tex; 11-12' silty, bituminous, burrowed	and vert. bituminous	19	24	5'	140	0.16				
20	22	100	interbed	stylolite 3-4 mm									
22	24	100		wide which are									
24	26	100		post DL V	24	29	5'	141	1.09				
26	28	100											
28	30	100		CA-SL-BA vein	29	34	5'	142	0.72				
30	32	100		Honey rimmed by									
32	34	100		orange									
34	36	100			34	39	5'	143	1.61				
36	38	100											
38	40	100		PY in DL V and	39	41	2'	144	0.45				
40	42	100		bit									
42	44	100	- 2' micritic biturbated DLST										
44	46	100											
44	48	100											
48	50	100		PY V with bit.									
50	52	100		cross-cuts DL V									
52	54	100											
54	56	100	- width of core BRXC DL-PY-(SL); cross	PY in DL V and bitum.									
56	58	100	cut by pyritiferous bituminous stylolites	stylolites									
58	60	100											
60	62	100	- from here on DL V present but only										
62	64	100	1 mm size vs. 2-3 mm previously										
64	66	100	- 4 cm micritic section										
66	68	100		PY horiz. bit, replaces									
68	70	100		matrix									
70	72	100											
72	74	100											
74	76	100											
76	78	100	- from 78 to 93 oolites crser and	PY in DL V									
78	80	100	sparry matrix more dominant, some oncolites										
80	82	100	- DL BRXC] and possible shell debris	PY in spar matrix									
82	84	100		PY-SL in bit styl									
84	86	100		SL D in matrix									
86	88	100											
88	90	100											
90	92	100	- 93' subrounded triangle brach										
92	94	100	Oncolitic oolitic DLST - open	SL-PY in DL V and	93	98	5'	145	0.40	0.02			
94	96	100	textured with 1 mm oolites and 1 cm	bit. styl.									
96	98	100	oncolites in DL spar matrix; shell	6 cm. PY then SL									
98	100	100	frags (trilobites or brachs) form shelter tex	then DL V horiz.	98	101	3'	146	0.10	0.04			
100	102	100	infilled with DL spar; minor lithoclasts	98-99 PY-SL-DL									
102	104	100	Oolites and oncolites in more micritic	replaces matrix									
104	106	100	matrix, interbeds of bituminous DLST	103 PY-(SL)-DL V									
106	108	100	which are occasionally slumped and BRXC										
108	110	100											
110	112	100											
112	114	100		(SL) with PY in bit.									
114	116	100		stylolite									
116	118	100											
118	120	100											
120	122	100											
122	124	100											
124	126	100											
126	128	100	- BRXC DL thus core broken	(SL) DL in V and D									
128	130	100		matrix; PY also but not									
130	132	100		intimate.									
132	134	100											
134	136	100	- BRXC DL-PY 10° to axis										
136	138	100	- DL-CA V give leached BRXC										
138	140	100											
140	142	100	Coarse grained oncolitic DLST; spar matrix	(SL) DL V									
142	144	100	of calcite and dolomite thus gives a distinct	(PY) D & V throughout									
144	146	100	texture to surface of core. Thin micritic DLST										
146	148	100	interbeds; abundance of spar results in grey and										
148	150	100	white colour										
150	152	100		1 cm PY in stylolite									
152	154	100											
154	156	100											
156	158	100											
158	160	100											
160	162	100	- DL-BA V										
162	164	100		(SL) in DL matrix									
164	166	100											
166	168	100	Micritic, commonly bituminous grey DLST: in	Minor Py D in									
168	170	100	part oolitic; where micritic beds may	matrix throughout									
170	172	100	show slumping and burrowing										
172	174	100											
174	176	100											
176	178	100	- 3 cm DL-CA V 40° to axis										
178	180	100											
180	182	100											
182	184	100											
184	186	100											
186	188	100											
188	190	100		PY in horiz bit styl									
190	192	100											
192	194	100	- 4 cm PY-DL V										
194	196	100											
196	198	100											
198	200	100											
200	202	100	- 1' near vert horsetailing PY-BIT stylolite										
202	204	100											
204	206	100											
206	208	100											
208	210	100											
210	212	100											
212	214	100											
214	216	100	slightly slumped dkgy, bituminous DLST;										
216	218	100	214-217 quite well laminated and slightly										
218	220	100	fissile; μ V DL common										
220	222	100											
222	224	100	- 2 cm PY-DL horiz stylolite										
224	226	100											
226	228	100											
228	230	100	Light grey f xaln DLST with dkgy bit	PY-DL V's and									
230	232	100	wisps outlining slumps & possible burrows	patches; minor									
232	234	100	Upper 6' lithoclast BRXC, slump?	displacement along V									
234	236	100	- DL BRXC										
236	238	100											
238	240	100											