

PLACER DEVELOPMENT LIMITED
EXPLORATION DEPARTMENT

GRID: _____

HOLE No. 79-1
SHEET No. 1 of 2

LOCATION: NTS 105A 2W, 033 538 BEARING: _____
DATE COLLARED: 19 April 79 LENGTH: 120.2 m
DATE COMPLETED: 25 April 79 DIP: 90°

LATITUDE: 60°01'23"
DEPARTURE: 128°56'25"
ELEVATION: ±2300' (701 m)

PROPERTY: Hard Coal Basin
CORE SIZE: HQ LOGGED BY: D.M. Jenkins
SCALE OF LOG: 1:200 DATE: 26 April 1979

DEPTH		ROCK TYPE DESCRIPTION	Graph. log	Structure	SAMPLE NO.	COAL ANALYSES														REMARKS		
m	m block & %rec.					MOISTURE %	% A.S.H.		% V.M.		% F.C.		CALORIFIC VALUE		% S	% H	% N	% O	F.S.I.		Reflec	Sp. Gravity
							as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis								
4		Cased																				
8																						
12																						
16	30%	Sand: UNCONSOL., Coarse-ly. Coarse grnd., Well sorted Sub. rounded, min. immature Lt. grnish grey color																				
18																						
20	26%	Sand: UNCONSOL., Fine to med. grnd., sorted, Sub. ANG, Min. immature, 5-10% MUSCOVITE Lt. BRN. color																				
24																						
28	0%																					
30	140%	Sand: as @ 18-21m with claystone beds, Sand has Laminae of finely divided Carbonaceous material @ 30.8																				

COAL LOG FORM No. X-1-78, Page 1.

GRID: _____

PLACER DEVELOPMENT LIMITED

EXPLORATION DEPARTMENT

LOGGED BY: JENKINSHOLE No. 79-1DATE: 26 April 1979SHEET No. 2 of 4

DEPTH m	m block & % roc.	ROCK TYPE DESCRIPTION	Graph. Log	Structure	SAMPLE NO.	COAL ANALYSES														REMARKS		
						MOISTURE %	% ASH		% V. M.		% F. C.		CALORIFIC VALUE		% S	% H	% N	% O	I. S.		Reflec.	Sp. Gravity
							as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis								
30																						
30.7																						
34																						
36.7		Claystone: Lt. grey, massive - crudely laminated, 5% plant debris + charcoal																				
38	4%	12cm core of Tree Trunk @ 37.2m, 6cm @ 41m, 10cm @ 42m																				
40.7		Siltstone below 40.2m Laminae @ 35° to core axis																				
42	35%	As above with fine gravel beds																				
42.7		As above less gravel beds																				
46	0%																					
46.7		Sands UNCONSOL., fine grnd., poorly sort. Carbonaceous																				
47.7		Wood: 4cm core																				
50	0.5%				58901																	
50.7		Coal: DK. BRN., finely divided organic matter w/ 5% wood, 1% pyrite																				
51.7		Claystone: Buff w/ plant debris thin fine gravel beds																				
54	30%																					
54.7		Coal: dk. brn., finely divided organic matter w/ minor woody matter																				
58	0.7%																					
58.7		Sand: UNCONSOL., med.- coarse grnd., well sorted, min. immature, similar to 12.2-18m																				
62	0%																					
62.7		Claystone: Buff colored, upto 5% plant debris																				

GRID: _____

[illegible]

PLACER DEVELOPMENT LIMITED

EXPLORATION DEPARTMENT

LOGGED BY: SEN/COR HOLE No. 29-1
DATE: 26 April 1979 SHEET No. 4 of 4

GRID: _____

DEPTH m		ROCK TYPE DESCRIPTION	Graph Log Structure	SAMPLE NO.	COAL ANALYSES														REMARKS		
					MOISTURE %	% ASH		% V. M.		% F. C.		CALORIFIC VALUE		% S	% H	% N	% O	U.S. F.		Rellec.	Sp. Gravity
						as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis								
101.7	8%	Coal: DK Brn, soft, massive, minor woody material argil. @ bottom		58905																	
95%		Interbedded silt and clay-Lt. grn to white, weak bedding 90° to core axis																			
106	65%																				
56%		Silt: med gray, sandy, thin bedded -laminated, organic partings																			
110	0%																				
0%		Conglomerate: py + silica cemented																			
113.4	0%																				
114	64%	Coal: 20% woody fragments		58906																	
114.9		8cm clay band		58907																	
86%		20cm of clay bands																			
116.4	4%	Coal: Y. dirty ± 50% clay																			
117.7	0%																				
120.2		TD 120.2																			
		Red broke - hole abandoned																			
126																					
130																					
134																					
139																					

BOREHOLE LOG BY: _____

DATE: _____