

# PLACER DEVELOPMENT LIMITED

## EXPLORATION DEPARTMENT

HOLE No. 2. C-1  
SHEET No. 1 of 9

GRID: \_\_\_\_\_

LOCATION: LIARD RIVER, Y.T.  
DATE COLLARED: NOV. 25, 1977  
DATE COMPLETED: DEC. 6, 1977

BEARING: \_\_\_\_\_  
LENGTH: 167.4 m  
DIP: -90°

LATITUDE: 60° 6 1/2'  
DEPARTURE: 129° 1/2'  
ELEVATION: 2250'

PROPERTY: LIARD COAL  
CORE SIZE: HQ / WL  
SCALE OF LOG: 1:100  
LOGGED BY: I. BOROVIC  
DATE: DEC. 6, 1977

DEPTH m	m block & %rec.	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.I.		Reflec.	Sp. Gravity			
							as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis											
15	15.0	OB GRAVEL																							
6	15.6																								
7	17.1																								
8		ORG. MUD																							NOT ANALYSED
	18.6																								
9																									
20	20.0																								
1	21.2																								
2																									
	22.4																								
3	22.6																								
4	24.0																								
5																									
	25.2																								
6																									
7	27.0																								
	27.6																								
8																									
9																									
30	30.0																								

GRID: \_\_\_\_\_

PLACER DEVELOPMENT LIMITED  
EXPLORATION DEPARTMENTLOGGED BY: 12 HOLE No. LC-1  
DATE: Dec 6/78. SHEET No. 2 of 9

DEPTH m	m block & % rec.	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.		Reflec.	Sp. Gravity	
						as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis									
30	30.0																					
1																						
2																						
3																						
4	50	↓ COAL ↑ Siltstone & org. mud		30583	26.68	39.05	53.26	30.63	41.77	3.64	4.97	3656	4987	0.43 0.58								
5																						
6																						
7	37.2 37.7																					
8		seatearth (some root remnants)																				
9	50 37.7	Siltstone & org. mud COAL & 20% clay																				
10	40 39.6	Siltstone & org. mud																				
1	90																					
2	41.1																					
3	0																					
4	47.6																					
5																						
6	30																					
7																						
8	15.6																					
9																						
10																						
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PLACER DEVELOPMENT LIMITED  
EXPLORATION DEPARTMENT

LOGGED BY: 72 HOLE No. LC #1  
DATE: Dec 6/78 SHEET No. 3 of 9

GRID: \_\_\_\_\_

DEPTH m	m block & % rec.	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.T.		Reflec.	Sp. Gravity
							as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis								
48	48.0																					
9	75																					
50	52.0																					
1	100																					
	57.6																					
2																						
3	0																					
4																						
	54.6																					
5	30																					
6	56.1																					
	0																					
7	57.1																					
8																						
	30																					
9																						
60	60.0																					
1		↓																				
		unconsol. sand, sandstone																				
		0.05 m COAL																				
2	15																					
3																						
	60.6	↑																				
4																						
	25																					
5	65.1																					
6	0																					

GRID: \_\_\_\_\_

PLACER DEVELOPMENT LIMITED  
EXPLORATION DEPARTMENTLOGGED BY: RD HOLE No. LC #1  
DATE: Dec 6, 78 SHEET No. 4 of 9

EXPLORATION DEPARTMENT					DATE		SHEET No. 7 of 7														
DEPTH m	m block & % rec.	ROCK TYPE DESCRIPTION	Graph. log Structure	SAMPLE NO.	COAL ANALYSES														REMARKS		
					MOISTURE %	% ASH		% 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								
66	0	sandstone																			
	66.6																				
7																					
8	15																				
9																					
	69.6																				
70																					
1																					
2	20	V																			
3																					
4	74.1																				
5																					
6		V																			
7	30																				
8																					
9																					
80		V																			
	80.5																				
1	50																				
2																					
	82.4																				
3																					
4		V																			

BOREHOLE LOG BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

GRID: \_\_\_\_\_

PLACER DEVELOPMENT LIMITED  
EXPLORATION DEPARTMENT

LOGGED BY: DB  
DATE: Dec 6, 1978

HOLE No. LC #1  
SHEET No. 5 of 9

DEPTH m	m block & % rec.	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.I.		Reflex.	Sp. Gravity		
							as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis										
87		Sandstone																						
5	50																							
6																								
	86.6																							
7	70																							
8																								
	88.5																							
9	75																							
90																								
	90.6																							
1																								
2																								
3	10																							
4																								
	94.6																							
5	100 95.2	COAL			44.7 30592 95.0	24.65	43.65	57.93	28.89	37.01	3.81	5.06	2,371	3,147	0.89/ 1.40									
6																								
7																								
8		Sandstone																						
	30																							
9																								
100																								
1	100.0																							
2																								

GRID: \_\_\_\_\_

PLACER DEVELOPMENT LIMITED  
EXPLORATION DEPARTMENTLOGGED BY: JS HOLE No. LC #1  
DATE: Dec 6, 1978 SHEET No. 6 of 9

EXPLORATION DEPARTMENT										DATE: 10/2/78		SHEET No. 6 of 7										
DEPTH m	m block & % rec.	ROCK TYPE DESCRIPTION	Graph. log	Structure	SAMPLE NO.	COAL ANALYSES										REMARKS						
						MOISTURE %	% ASH		% 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								
102	90	sandstone																				
3	103.0	COARSE - SANDSTONE																				
4		fine breccia																				
5																						
6	25																					
7																						
8																						
9	109.2																					
110																						
1	30																					
2																						
3	112.7 50 113.3	CLAY & silt																				
4	50 114.1	x bedding																				
5		CLAY & silt																				
6																						
7	40	sandstone																				
8																						
9	119.0																					
120																						

COAL LOG FORM No. X-1-78 Page 2

GRID: \_\_\_\_\_

PLACER DEVELOPMENT LIMITED  
EXPLORATION DEPARTMENTLOGGED BY: WJ  
DATE: Dec, 6, 1978HOLE No. 28-1  
SHEET No. 7 of 9

DEPTH m	m block & % rec.	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.I.		Reflec.	Sp. Gravity
							as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis	as recvd.	dry basis								
120		sandstone ↓																				
1	50																					
2	121.9																					
3																						
4		↓																				
5	30																					
6																						
7	127.2																					
8	10	CLAY & COAL (ORG. MUD.?)																				
9	128.2	sandstone ↓																				
10																						
11																						
12																						
130		↓																				
1																						
2	30																					
3																						
4		↑																				
5	135.0																					
6																						
7	65		black org. mud COAL COAL + 10% CLAY ORG MUD																			
8		COAL + 10% CLAY																				
		horig. bedding																				

BOREHOLE LOG BY: \_\_\_\_\_

DATE: \_\_\_\_\_

# PLACER DEVELOPMENT LIMITED

## EXPLORATION DEPARTMENT

LOGGED BY: AC  
DATE: Dec 6, 1978

HOLE No. 5  
SHEET No. 8 of 9

GRID: \_\_\_\_\_

DEPTH m	m block & % rec.	ROCK TYPE DESCRIPTION	Graph Log Structure	SAMPLE NO.	COAL ANALYSES														REMARKS		
					MOISTURE %	% ASH		% 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								
138	138.5	COAL + 1% CLAY																			



