PLACER DEVELOPMENT LIMITED

DIAMOND DRILLING REPORT

ON THE

BERG #1 MINERAL CLAIM

OMINECA MINING DIVISION

53°47'N., 127°26'

N.T.S. 93-E-14

Owned by: Kennco Explorations (Western) Limited

Operated by: Placer Development Limited

BY: W.S. Pentland

Supervised by: D.A. Howard, M.Sc., P. Eng. (B.C.)

April, 1981

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700 Burrard Building / 1030 West Georgia Street / Vancouver B.C., Canada / V6E 3A8 (604) 682-7082 / Telex 04-55181

STATEMENT OF EXPENDITURES

The following are the expenditures incurred for diamond drilling on the Berg #1 mineral claim for the period August 1 to September 15, 1980.

1.	3606' NQWL and HQWL by Coates Enterprises Ltd.	$119,668.00
2.	Rental D8 Bulldozer - F. Litke, Burns Lake, B.C. (access and site preparation, drill moves)	28,400.00
3.	Board and Room - 6 men for 40 days @ $15.00/man/day	3,600.00
4.	Supervision and Core Logging - 1 geologist for 6 weeks	4,000.00
5.	Core splitting - 1 man for 6 weeks @ $60.00/day	2,520.00
6.	Assaying for Cu, Mo and Ag - 320 samples @ $5.15/sample	1,648.00
		$159,836.00

Introduction:

This report covers a diamond drilling program on the Berg #1 mineral claim, conducted during the period August 1 to September 15, 1980. The Berg #1 claim is located approximately 50 miles southwest of Houston, B.C. and 8 miles east of Nanika Lake. It is in the Omineca Mining Division.

Access is by air or by 4-wheel drive road from Twinkle Lake approximately 25 miles east of the Berg property.

The property was discovered and staked by Kennco Explorations (Western) Limited in 1960 and received considerable exploration work for several years. In 1972 the property was optioned by Placer Development Limited who have worked intermittently on the claims since that time.

The original property has been restaked in the modified grid system and now consists of 109 units in 8 claims. The BERG #1 covers the main zone of mineralization.

A geological reserve of approximately 400,000,000 tons of mineralized intrusive and hornfelsed volcanics has been outlined grading 0.40% Cu and 0.50% MoS_2.

The present drilling program consisted of 8 holes totaling 3,606'. Two holes were NQWL and the remaining 6 HQWL. The holes were located within the areas of known mineralization and were drilled to acquire representative material for metallurgical testing.

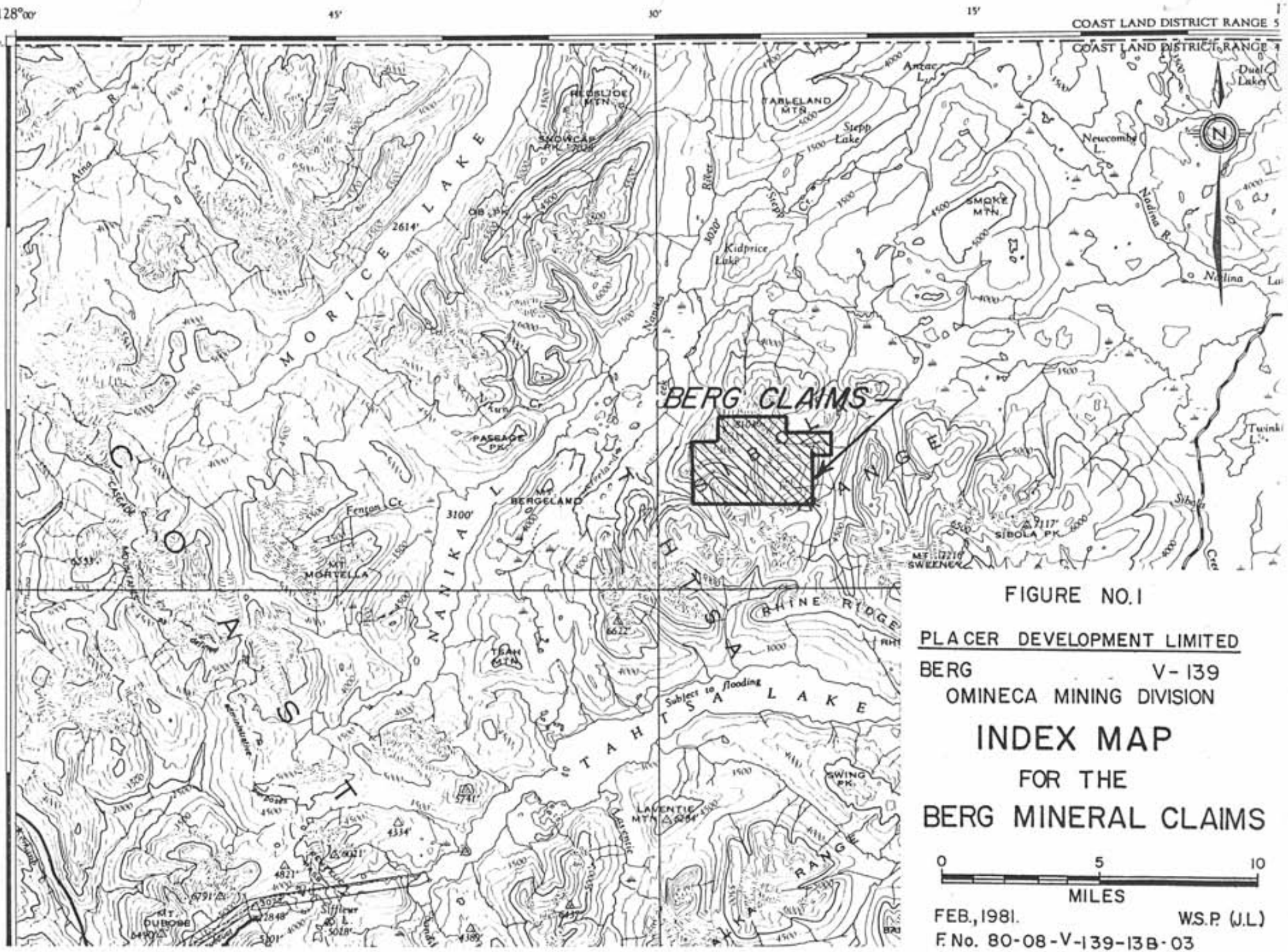

FIGURE NO.1

PLACER DEVELOPMENT LIMITED

BERG V-139

OMINECA MINING DIVISION

INDEX MAP

FOR THE

BERG MINERAL CLAIMS

FEB., 1981. W.S.P. (J.L.)

F. No. 80-08-V-139-13B-03

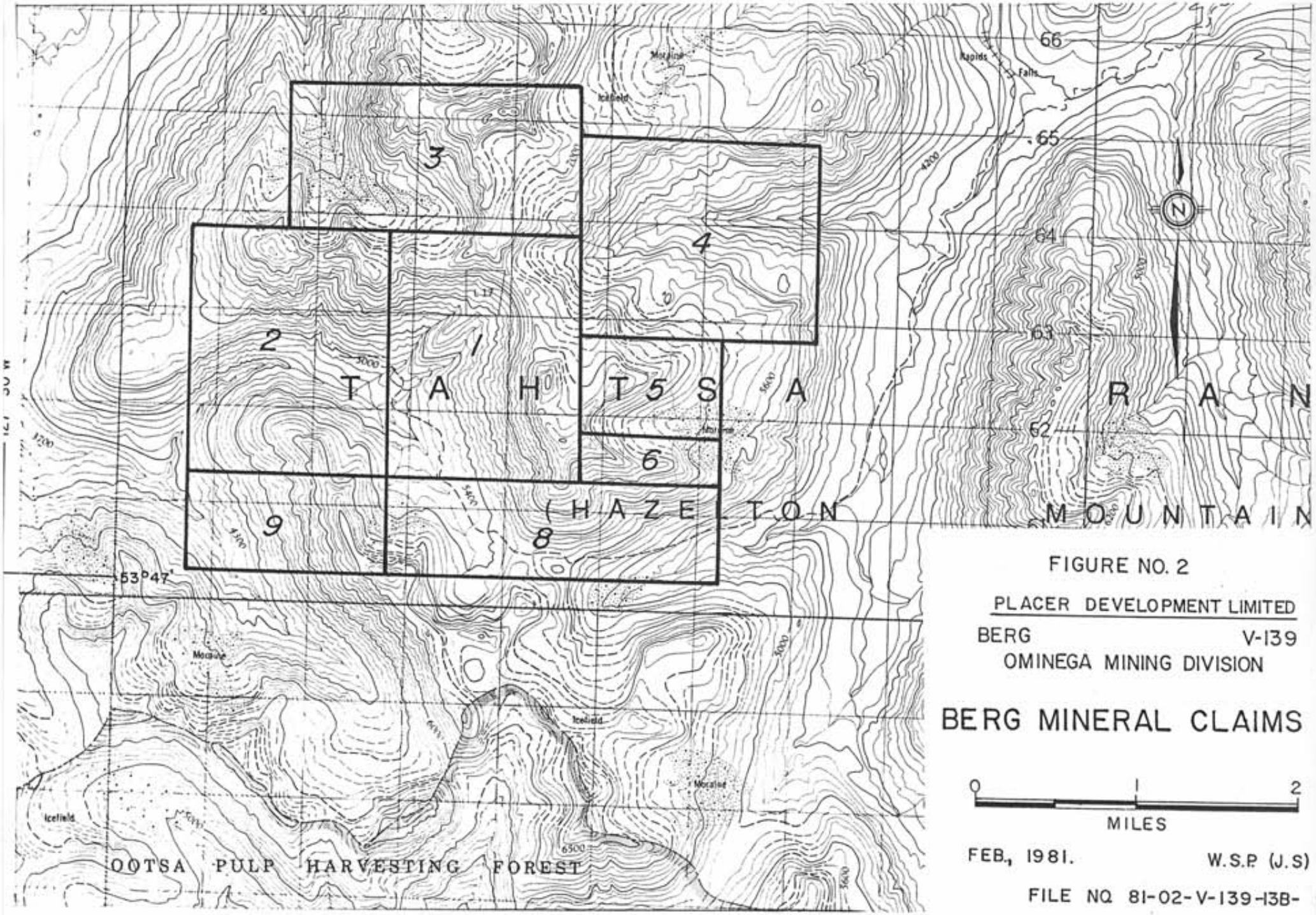

FIGURE NO. 2

PLACER DEVELOPMENT LIMITED

BERG V-139

OMINEGA MINING DIVISION

BERG MINERAL CLAIMS

0 1 2

MILES

FEB., 1981. W.S.P. (J.S)

FILE NO 81-02-V-139-13B-

The core was split with one half being stored on the property while the remaining portion was shipped to the Placer Development Laboratory in Vancouver for assaying and metallurgical testing.

W.S. Pentland

WSP/cs

DATE: 8 April 1981

STATEMENT OF QUALIFICATIONS

I, W.S. Pentland, with a business address in Vancouver, British Columbia, and a residential address in Delta, British Columbia, hereby certify that:

1. I am a geologist graduating from the University of British Columbia, Vancouver, British Columbia, with a B.A. in 1951.

2. From 1951 to 1981, I have worked in mineral exploration in various parts of Canada.

3. I personally examined the area and have assessed the results of the work.

Respectfully submitted,

W. Pentland

W.S. Pentland

Dated this 2 day of April

1981, Vancouver, British Columbia.

APPENDIX I

DRILL HOLE STATISTICS

HOLE NO.	CORE SIZE	ELE.	DIP	LENGTH
140	NQ	5142.31'	-90	476'
131	NQ	5378.98'	-90	403'
132	HQ	5713.87'	-90	470'
133	HQ	5657.25'	-90	500'
134	HQ	5726.97'	-90	375'
135	HQ	5828.14'	-90	494'
136	HQ	5857.16'	-90	400'
137	HQ	5775' (est.)	-90	488'

APPENDIX 1b

Introduction

The drill core produced during the 1980 field season was logged according to the computer-compatible "GEOLOG" system devised by International Geosystems Corporation. The following brief on the GEOLOG format is intended only to aid the layman in reading and extracting information from the geoform (Figure I) or data listing (Figure II) and is not designed to teach the intricacies of using this system.

GEOLOG is a flexible method of data storage based on the usage of a series of previously defined letter and symbol codes. For each hole the following data is recorded on the geoform and subsequently presented on the computer printout (Figures I and II, respectively): (1) hole identification and survey data, (2) geological data and (3) assay file data.

The geological data is presented on two lines of computer coding: (a) Upper Tier (/) and (b) Lower Tier (L). The following types of geological information are recorded (Figure I) and presented (Figure II) in a logical sequence from left to right across the page: i) sample interval, ii) core recovery, iii) name of rock type and unit, iv) mineralogical, textural and colour description of the rock, v) structural data (bedding, contacts, veins, fractures, etc. - all measured from the horizontal), vi) alteration minerals, vii) sulphide minerals, and viii) summary of alteration and metallic zoning. Definitions for the less obvious column headers on the geoform (Figure I) and computer printout (Figure II) are given in Table 1.

In addition to the two lines of fixed-format geological data (/ and L), it is possible to present information in a remark format. This may include information recorded at the top of the drill log (RHED - header remarks), interspersed with the fixed-format data (R-remarks) and/or given at the

bottom of the log (RSUM - summary remarks). The remark flags can be found in the first four columns on the left of Figures I and II along with the / and L geological flags.

Assay file data recorded along with the geological data on the geoform is listed immediately following the geological data on the computer print-out. A variety of information can be stored here; for example, assay results, number of veins or fractures per measured interval, magnetic susceptibility readings, etc. In fact any numerical data, qualitative or quantitative, can be stored in this file. The type of data recorded is pre-defined by assay header remarks.

Table 2 lists and identifies the letter or number codes and scales used specifically for this project.

GEOLOG SYSTEM

International Geosystems Corporation

GEOFORM

FIGURE I

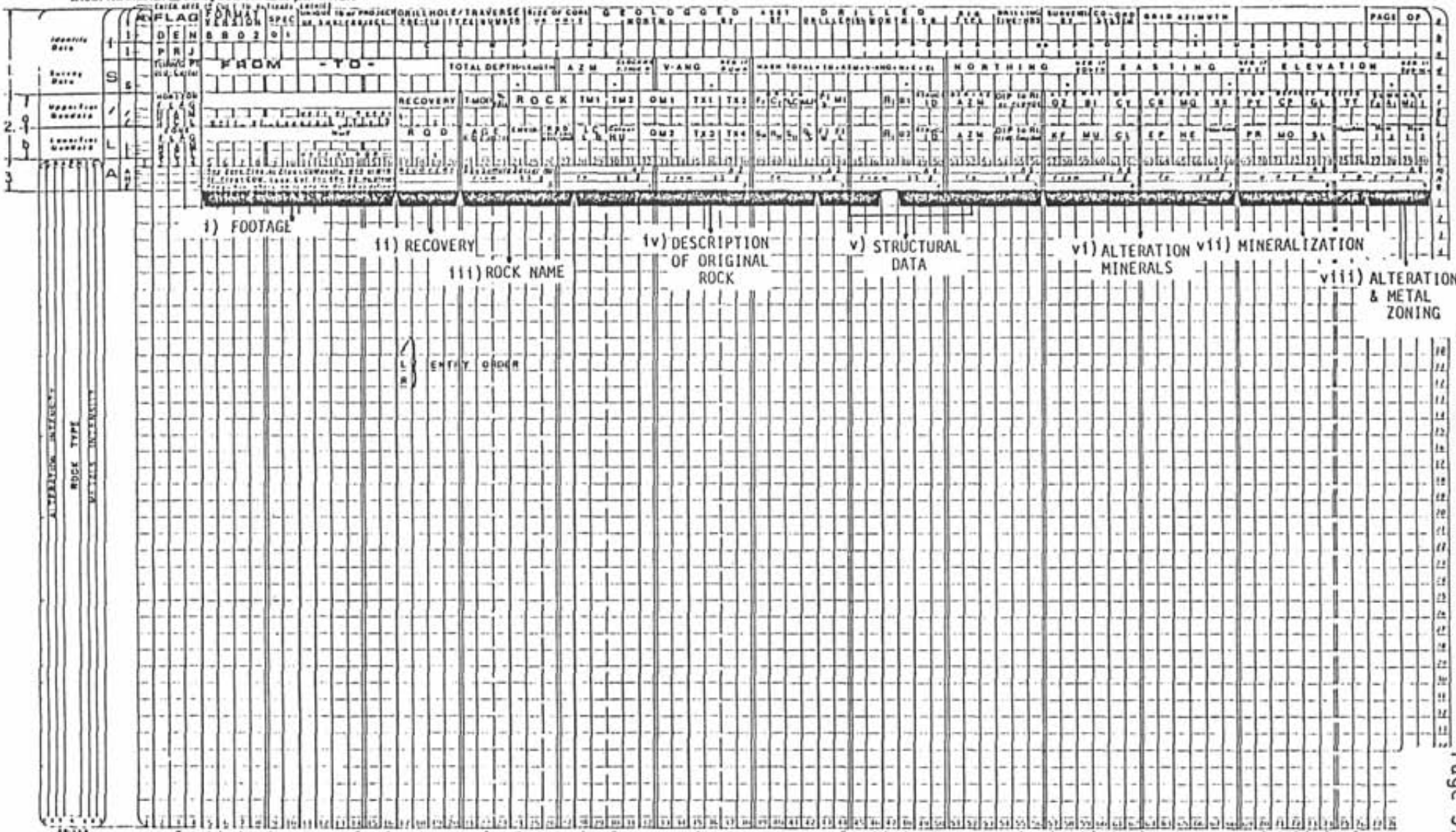

FIGURE 11

DATE: ' ' 2/2

GEOLOG ED LISTING

PLACER DEVELOPMENT LTD.

CLOUD MO PROSPECT Y.T.

FORMAT VERSION : 6B02

```
1 DRILLHOLE/TRAVERSE :CLDDH  2         COLLAR ELEVATION:      3200.00     AZIMUTH( DEG )  :  330.00       GEOLOGGED BY :       +
  TOTAL DEPTH/LENGTH :  495.00         NORTHING(- IF S):      3947.00     VERTICAL ANGLE  :  -50.00       DATE (YY/MM/DD): 810100
  CORE/HOLE DIAMETER :                 EASTING (- IF W):     -1135.00     CO-ORD SYSTEM   :   GRD         PROJECT NUMBER :  V-177

                 i)                 ii)     iii)              iv)                v)            vi)           vi)                vii)           viii)
  a   F  - I N T E R V A L -       CORE   T- %         TYPI- QUAL TEX-   GRAIN TOTAL PGI  STRUCTUR-1 ALTERATION MINS  ORE-TYPE MINS  SUMMARY
    K L (UNITS =       DEC.PLACE)RECOV-  M M ROCK   FYING MIN TURES CHARACS FRAC                 H  H  H  H  H ANY H  H  H ANY  ALT ORE
    E A  (MT=METRIC FT=FOOTRIC)  ERY     O I        TM TM MAT TX TX F C ≠ M DEN  /RI T ID STK DIP A  A  A  A  A MIN A  A  A MIN - - - -
2   Y G  F R O M - T O - I N T  (  . )   D X TYPE    1  2 QM1  1  2 F F C A   MI    1    NVN  RT QZ BI CY CB MG XX PY CP GL YY  F I Z I
    - --- ----.-- ----.-- ---.--  ---.--  - -  ----  -- -- --- -- -- - - - -  ---- ---  - -- --- -- -- -- -- -- -- -- -- -- -- --  - - - -
  b K P                          ROCK    FM     RT      TM QM2 TX TX S R S Q S       T ID STK DIP KF MU CL EP HE    MV MO SL
    E L                          QUAL    AGE EN- Q  LC- 3        3  4 O N H /  M     2    NVN  RT H  H  H  H  H  H  H  H  H  H    1   1
    Y G                          DESIG       VIR    COL             R D P Q    L        STRUCTUR-2 A  A  A  A  A |A  A  A  A  A    2   2
                                                                                                              |-> amount in %
                                                                                                              --> mode of occurence

  / OVB     .00    4.50    4.50              OVER                       P
 [R]        .00    6.00          CASING

  /        4.50   15.00   10.50   100   MG   QZMZ        BI+ EQ     I L 9 L     P    V3   1  25 <.     E.            6.        LI 00
R L                                               7C 6A MG.                                           F. P-                     Q)
e
m /       15.00  125.00  110.00   100   MG   QZMZ                               P    V3   6  20 <*     E. E.         <.            00
a L                                                                                  V1   1  70   <-
r
k / DYK  122.00  122.60     .00             X APLT                              R
s[R]     122.00  122.60         V1 CUTS OFF V3 - BOTH HAVE ENVELOPES
```

PLACER DEVELOPMENT LTD.
CLOUD MO PROSPECT Y.T.
DRILLHOLE/TRAVERSE --- CLDDH 2 --- (CONTINUED)

GEOLOG

A LAB	Labratory				DEVEL	OPMENT	LABOR	ATORY	VANCOU	VER
A UMM	Units & Elements Analyzed				PPM MO					
A TYP	Sampled Material Type				CORE					

	From (Footage)	To		Sample #								
A LAB				PLACER	DEVEL	OPMENT	LABOR	ATORY,	VANCOU	VER		
A UMM					PM CU	ZN	PB	AG	AU	U	W	F
A 002	55.00	105.00	COMP	12	11	174	13	0.10	0.01	13.86	6	220
A 002	105.00	155.00	COMP	13	20	38	19	0.36	0.01	15.4	6	195
A 002	155.00	205.00	COMP	14	18	46	23	0.23	0.01	13.09	11	190
A 002	205.00	255.00	COMP	15	15	30	31	0.51	0.01	15.4	2	155
A 002	255.00	305.00	COMP	16	12	38	21	0.46	0.01	16.94	2	165
A LAB				PLACER	DEVEL	OPMENT	LABOR	ATORY,	VANCOU	VER		
A UMM					PM BI	MN	SN					
A TYP					CORE	COMPO	SITES					
A 003	4.50	55.00	COMP	11	12	245	19					
A 003	55.00	105.00	COMP	12	11	291	10					
A 003	105.00	155.00	COMP	13	11	286	16					
A 003	155.00	205.00	COMP	14	10	282	32					
A 003	205.00	255.00	COMP	15	10	272	17					
A 003	255.00	305.00	COMP	16	18	251	12					

Different Files

TABLE I

. HEADER ABBREVIATIONS USED (REF: Figures I and II)

Section iv)

TM1, TM2 - typifying minerals
QM1, QM2 - qualifying minerals
LBHU - color code
Tx1, Tx2, Tx3, Tx4 - textures
Grain Size Code: F_f - fine fraction; C_f - coarse fraction; %C - percent coarse fraction; MxP - maximum particle size
Grain Description: S_r - sorting; R_n - roundness; S_h - shericity or shape; O/C - open or closed structure

Section v)

FI_s - intensity of steep dipping (60-90^0) fractures
FI_m - intensity of moderately dipping (30-60^0) fractures
FI_L - intensity of low angle (0-30^0) fractures
MI - mineral intensity on fractures (sulphides only)
B1, B2 - bedding
STRUCT ID - name of structural feature.

Section vi)*

QZ - quartz	KF - K-feldspar	MG- magnetite
BI - biotite	MU - muscovite	HE- hematite
CY - clay	CL - chlorite	XX- spare
CB - carbonate		

Section vii)*

PY - pyrite	MO - molybdenite	YY- spare
PR - pyrrhotite	GL - galena	
CP - chalcopyrite	SL - sphalerite	

* The two columns assigned to each alteration and ore minerals identified in the header are used to show the mode of occurrence (H) and the percentage (A) of each mineral noted (Figure II).

Section viii)

F_a - alteration facies
A_i - intensity of alteration
M_z - metal zoning
I - intensity of zone.

TABLE 2

REFERENCE FOR FIGURES 1 & 2

Example: Adanac Rock Types (Section (iii), col. 21 - 27)

T-Mod	Rock	Description
CG	QZMZ	Coarse grained quartz monzonite
CG	QZMT	Transition variety of coarse grained quartz monzonite, partially hybridized
MG	QZMZ	Medium grained quartz monzonite
MP	QZMZ	Mafic quartz monzonite porphyry
SP	QZMZ	Sparse quartz monzonite porphyry
CP	QZMZ	Crowded quartz monzonite porphyry
FG	QZMZ	Fine grained quartz monzonite
FG	APLT	Fine aplite quartz monzonite
FS	PPAP	Fine sparse aplite porphyry
FG	PPMS	Mafic sparse aplite porphyry
HY	PPHY	Hybrid porphyry
CR	PPHY	Crowded Hyland porphyry
	BRXX	Plutonic breccia
QZ	QZQZ	Silicified quartz monzonite
FG	MFDK	Fine grained mafic dykes
FG	MTDB	Fine grained meta diabase dykes

GEOLOG SYMBOLS IN COMMON USAGE

G-Scale (Percent)

0.00	= 0
.01	= •
.03	= -
.1	= (
.3	= *
1.	=)
2.5	= +
5.	= =
10.	= 1
20.	= 2
30.	= 3
40.	= 4
50.	= 5
60.	= 6
70.	= 7
80.	= 8
90.	= 9
100.	= X

Colour

White 1 - 9 Black	
Bright 1- 9 Dull	
Red	= R
Brown	= U
Orange	= O
Tan	= T
Yellow	= Y
Lime	= L
Green	= G
Aqua	= Q
Blue	= B
Violet	= V
Purple	= P
Mauve	= M
Black	= N
White	= W
Grey	= A

Mode of Occurrence

Bleb	= B
Disseminated	= D
Envelope	= E
Fracture	= F/
Fracture Set	= FS
Fracture Filling	=FF
Interstitial	= J
Patch	= Q
Spot	= QS
Stain	= T
Vein	= V
Vein Set	= VS

Textures

Brecciated	= BX
Equigranular	= EQ
Granitic	= GR
Interstitial	= IN
Unequigranular	= IQ
Massive	= MX
Pegmatitic	= PG
Porphyritic	= PP
Veined	= VV

Grain Size Scale

0.003	mm	Clay Size	= A
0.008	mm	VF to F Silt	= B - C
0.03	mm	M to C Silt	= D - E
0.12	mm	VF to F Sand	= F - G
0.5	mm	M to C Sand	= H - I
2.	mm	Grit to Granule	= J - K
8.	mm	VS to S Pebble	= L - M
3.2	cm	M to L Pebble	= N - Ø
13.	cm	S to L Cobble	= P - Q
.5	m	S to M Boulder	= R - S
2.	m	L to VL Boulder	= T - U

MINERAL CODES FOR SOME COMMON MINERALS

Amphiboles, Gen	AX	Gold	GD
Biotite	BI	Graphite	GR
Hornblende	HB	Hematite	HE
Calcite	CA	Magnetite	MG
Carbonates, Gen	CB	Hornblende	HB
Chalcopyrite	CP	Mafics	MF
Chlorite	CL	Molybdenite	MØ
Clay, Gen	CY	Sericite	MS
Copper	CU	Quartz	Qz
Epidote	EP	Silver	SV
Feldspars, Gen	FX	Sphalerite	SL
Galena	GL	Sulphides	SX

G E O L O G F D I T L I S T I N G DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6802

DRILLHOLE/TRAVERSE :BRGDH130 COLLAR ELEVATION: 5100.00 AZIMUTH(DEG) : .00 GEOLOGGED BY : LRS + DLS
TOTAL DEPTH/LENGTH : 476.00 NORTHING(- IF S): 18100.00 VERTICAL ANGLE : -90.00 DATE (YY/MM/DD): 800800
CORE/HOLE DIAMETER : EASTING (- IF W): 9170.00 CO-ORD SYSTEM : GRD PROJECT NUMBER : V-139

K E Y	F L A G	- INTERVAL - (UNITS = . DEC.PLACE) (MT=METRIC FT=FOOTRIC) FROM	TO	INT (.)	CORE RECOV-ERY	T- M O D	% M I X	ROCK TYPE	TYPI-FYING TM 1	IM 2	QAL MIN MAT QM1	TEX-TURES TX 1	TX 2	GRAIN CHARACS F	C	%	M	TOTAL FRAC DEN /RI MI	PGI T	STRUCTUR-1 ID	STK	DIP RT	ALTERATION MINS ORE-TYPE MINS SUMMARY H A QZ	H A BI	H A CY	H A CB	H A MG	H ANY A MIN XX	H A PY	H A CP	H A GL	H ANY A MIN YY	ALT F	ALT I	ORE Z	ORE I
K E Y	F L G				ROCK QUAL DESIG	FM AGE	EN-VIR	Q	LC-COL	3	QM2	3	4	S O R	R H D	S P C	O / L	M	T 2	STRUCTUR-2 ID	STK AZM	DIP RT	H A KF	H A MU	H A CL	H A EP	H A HE	H A	H A MV	H A MO	H A SL	H A	1 A 2	1 A 2		
/		.00	55.00	55.00	000		OVER												P																	
L	OVB																																			
/	CAP	55.00	65.00	10.00	200	KF	QZMZ	PF		KF		PP	<<	2	4	4	5		P					P(	P(				D*			CC	41		
L	SSY				000			7Y									0							P)	P-					D*		D(				
R		55.00	65.00			55 FTT065FTMAY BE CAPROCK																																
/		65.00	75.00	10.00	700	KF	QZMZ	PF	BI			PP	<<	2	4	4	5		P	<1		85		P(	P(				D*			CC	42		
L	SSX				100			7A									C							P)	P,	P,				D*		D(				
R		65.00	75.00			CORE EXHIBITS POKER CHIP CLEAVAGE AND YELLOW LIMONITE																																
/		75.00	85.00	10.00	500	KF	QZMZ	PF	BI			PP	<<	2	4	4	5		P	<1		40		P(	P(				D*			CC	42		
L	SSX				100			7A									C							P)	P-	P-				D*		D*				
R		75.00	85.00			YELLOW LIMONITE?																																
/		85.00	95.00	10.00	700	KF	QZMZ	PF	BI			PP		2	4	4	5		P					P(	P(				D*			CC	42		
L	SSX				100			7A									C							P)	P-	P.				D*		D*				
/	CNT	92.00	94.00	2.00			X HORN												R																	
R		92.00	94.00			CORE EXHIBITS POKER CHIP CLEAVAGE																																
/		95.00	105.00	10.00	400	KF	QZMZ	PF	BI			PP	<<	2	4	4	5		P	<1		50		P(	P-				D*			CC	42		
L	SSX				100			7A									C							P*	P-	P-					D(	D*				
/		105.00	115.00	10.00	1000	KF	QZMZ	PF	BI			PP	<<	2	4	4	5		P	<1		30		P-	P)				D*	D-		CC	43		
L	SSX				100			AG									C			<3		80		P)	P(	P-				D*		D)				
R		105.00	115.00			LIMONITE COATINGS HORN FRAGMENTS IN CORE																																

KEY	F -L- G	FROM	TO	INT	RECOV RQD	MD % AGE	ROCK EV	TM KQ	TM LC	TM QM1 QM2	TX TX	TX TX	F S	C R	% S	M O	TFDM SML	RI 1 2	ID	AZM	DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		115.00	125.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	5	5		P	<3		30	P-	P+					D*	D-		CC	43			
L	SSX				100			7G								C						P*	P(	P-						D*		D)				
R		115.00	125.00		HORN FRAGS IN CORE					POKER-CHIP CLEAVAGE																										
/		125.00	135.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	4	5		P	<3		85	P-	P+					D*	D-		CC	43			
L	SSX				100			7G								C						P*	P(	P*						D*		D)				
R		125.00	135.00		POKER-CHIP CLEAVAGE																															
/		135.00	145.00	10.00	1000	KF	QZMZ	PF	BI		PP		2	4	4	6		P				P-	P)					D*	D-		CC	43			
L	SSX				130			7G								C						P*	P-	P*						D-		D)				
R		135.00	145.00		AT136FT.SAMPLE FORSTS																															
/		145.00	155.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	5	6		P	<3		65	P-	P)		D,			D*	D*		CC	43			
L	SSX				130			7G								C			<3		85	P*	P-	P+							D)				
R		145.00	155.00		INCLUSIONS OF HORN FRGS. CORE EXHIBITS POKER CHIP CLEAVAGE																															
/		155.00	165.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	5	5		P	<3		75	P-	P)					D*	D(		CC	43			
L	SSX				130			7G														P(	P-	P+						D-		D)				
/		165.00	175.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	5	6		P	<1		75	P-	P+		D,			D(	D-		CC	43			
L	SSX				130			7G								0						P-	P-	P+						D-		D)				
R		165.00	175.00		HORN FRGS ABUNDANT CORE EXHIBITS POKER CHIP CLEAVAGE																															
/		175.00	185.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	4	5		P	<3		90	P-	P)		D,			D-	D-		CC				
L	SSX				130			7G								0			<3		65	P-	P-	P)						D-		D)		43		
R		175.00	185.00		HORN FRGS ABUNDANT																															
/		185.00	195.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	4	5		P	<3		85	P-	P+					D-			CC	42			
L	SSX				130			7A								0						P.	P-	P*						D-		D)				
R		185.00	195.00		SAMPLE FOR TS AT 193 FT.																															
/		195.00	205.00	10.00	500	KF	QZMZ	PF	BI		PP		2	4	4	5		P				P-	P)					D-			CC	42			
L	SSX				130			7A								C						P.	P-	P(						D-		D)				
/		205.00	215.00	10.00	1000	KF	QZMZ	PF	BI		PP	<<	2	4	3	5		P	<3		80	P-	P)					D-			CC	42			
L	SSX							7A														P.	P.	P)						D-		D)				
/		215.00	225.00	10.00	500	KF	QZMZ	PF	BI		PP	<<	2	4	3	5		P	<3		80	P-	P)					D-			CC	42			
L	SSX				130			7A														P.	P.	P(							D)	D)				
/		225.00	235.00	10.00	1000	KF	QZMZ	PF	BI		PP		2	3	4	6		P				P*	P+		D-			D(			CC	42			
L	SSX				100			7A														P-	P-	P*						D*		D(				
R		225.00	235.00		SMALL HORN VOLC FGS IN CORE POKER CHIP CLEAVAGE																															

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV R Q D	MD % AGE	ROCK EV	RQ	TM LC	IM	QM?	TX	TX	F S	C R	% S	M O	TFDM SML	RI 2	1 ID	AZM	DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		235.00	245.00	10.00	200	KF	QZMZ		PF	BI		PP		2	3	4	5		P				P(| P)					D(			CC	42			
L	SSX				100				7A															P-	P)	P.					D*		D)				
/		245.00	255.00	10.00	600	KF	QZMZ		PF	BI		PP	<<	2	3	4	5		P	<3		85	P*	P)					D(			CC	42			
L	SSX				050				7A															P-	P(	P.					D*		D)				
R		245.00	255.00		CORE BROKEN UP TO CHIPS																																
/		255.00	265.00	10.00	500	KF	QZMZ		PF	BI		PP		2	3	4	4		P				P-	P)					D(			CC	42			
L	SSX				050				7A															P-	P*	P.					D(| | D)				
/		265.00	275.00	10.00	1000	KF	QZMZ		PF	BI		PP		2	3	5	6		P				P*	P-		D.		D-				CC	71			
L	SSX				100				7G															P,	P)	P.					D.		D)				
/		275.00	285.00	10.00	700	KF	QZMZ		PF	BI		PP	<<	2	3	4	5		P	<3		60	P(	P-				D-				CC	72			
L	SSX				100				7A											<3		60	P)	P)	P-					D*		D*				
/		285.00	295.00	10.00	800	KF	QZMZ		PF	BI		PP	<<	2	3	5	5		P	<3		40	P-	P-				D-				CC	72			
L	SSX				100				7A								C							P)	P)	P-					D-		D*				
/		295.00	305.00	10.00	800	KF	QZMZ		PF	BI		PP	<<	2	3	4	6		P				P+	P*				D-				CC	52			
L	SSX				100				7Y								0							P)	P(	P.					D-		D*				
R		295.00	305.00		MINOR LIMONITE																																
/		305.00	315.00	10.00	1000	KF	QZMZ		PF	BI		PP	<<	2	3	4	6		P	<3		85	P+	P*		D-		D-				CC	52			
L	SSX				100				7Y								0							P)	P(	P.					D)		D*				
/		305.00	315.00	10.00	1000	KF	QZMZ		PF	BI		PP	<<	2	3	4	6		P	<3		85	P+	P+		D-		D-				BO	52			
L					100				7Y								0							P)	P(	P.					D)		D.				
/		315.00	325.00	10.00	800	KF	QZMZ		PF	BI		PP		2	3	4	6		P				P+	P*		D.		D-				CC	52			
L	SSX				160				7A								0							P)	P)	P.					D)		D*				
/		325.00	335.00	10.00	300	KF	QZMZ		PF	BI		PP		2	3	4	5		P													CC				
L	SSX				100				7A								0														D*					
R		325.00	335.00		MINOR HORN FRAGS CORE MOSTLYRUBBLE																																
/		335.00	345.00	10.00	300	KF	QZMZ		PF	BI		PP		2	3	5	6		P					P)	P)		D.		D-				CC	52			
L	SSX				100				7A															P)	P-	P)					D-		D)				
R		335.00	345.00		POKER CHIP CLEAVAGE																																
/		345.00	355.00	10.00	300	KF	QZMZ		PF	BI		PP		2	3	5	6		P					P)	P)		D.		D-	D-			CC	52			
L	SSX				100				7A															P)	P.	P*				D(			D)				
/		355.00	365.00	10.00	300	KF	QZMZ		PF	BI		PP	<<	2	4	4	6		P	<3		85	P)	P)		D.		D-	D-			CC	52			
L	SSX				100				7A															P)	P.	P*				D(			D(				
R		355.00	365.00		CORE MOSTLY RUBBLE																																

K E Y	F -L- G	FROM	TO	INT	RECOV R Q D	MD % AGE	ROCK EV	TM RQ	IM LC	QM1 IM	QM2	TX	TX	F	C	X	M	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		365.00	375.00	10.00	800	KF	QZMZ	PF	BI			PP	<<	2	3	3	4		P		<3		85	P-	P)					D*	D(		CC	72		
L	SSX				100			3A									C				<3		85	P+	P.	P-	P-				D*		D-				
R		365.00	375.00		INCLUSIONS OF HORN FRAGMENTS																																	
/		375.00	385.00	10.00	900	KF	QZMZ	PF	BI			PP	<<	2	3	3	4		P		<1		85	P-	P+					D*	D(		CC	72		
L	SSX				100			3A	N								C				<3		65	P+	P-	P-	P-				D(		D-				
R		375.00	385.00		INCLUSIONS OF HORN FRAGS																																	
/		385.00	395.00	10.00	1000	KF	QZMZ	PF	BI			PP	<<	2	3	3	4		P		<1		80	P-	P+					D*			CC	72		
L	SSX				180			3A	N								C							P+	P-	P-					D(		D-				
/	CNT	388.00	390.00	2.00		X	HFBR					BR							R																		
/		395.00	405.00	10.00	1000		HFBR					BR	<<	2	3	6	7		P		<3		60	P+	P=			D.	CA	D(	D(			72		
L	HYP				240			3A									0				<3		50	P*	P-	P-			<(		D)					
R		395.00	405.00		HFBR CONTAINS HORN VOLC FRAGS SILICA FLOOD AT 404FTTSSAMP																																	
/		405.00	415.00	10.00	1000		HFBR					BR	<<	2	3	5	7		P		<3		40	P+	P+			D-	CA	D(	D-			72		
L	HYP				240			3A									0				<1		85	P)	P.	P)			<(		D*					P(
R		405.00	415.00		STRINGERS KF QZMZ																																	
/		415.00	425.00	10.00	1000		HFBR					BR	<<	2	3	6	7		P		<3		30	P(	P+			D.	CA	D(	D-			72		
L	HYP				210			3A									0				<3		70	P(	P.	P)			<-		D*					
R		415.00	425.00		STRINGERS KF QZMZ AT 416FT. SAMPLE FORT.S-																																	
/		425.00	435.00	10.00	1000		HFBR					BR	<<	2	3	5	6		P		<3		70	P)	P=		<-	D.		D(	D-			72		
L	HYP				210												0				<1		75	P*	P(	P*	D-				D*					P(
R		425.00	435.00		AT 426 FT SAMPLE FOR TS																																	
/		435.00	445.00	10.00	1000		HFBR					BR	<<	2	3	5	6		P		<3		85	P)	P=			D.		D(				72		
L	HYP				180			3A									0				<3		65	P-	P-	P)	D-				D)					P-
R		435.00	445.00		MINOR GYPSUM VEINS																																	
/		445.00	455.00	10.00	1000		HFBR					BR	<<	2	3	5	6		P		<3		60	P)	P=		<-	D.		D*	D-			72		
L	HYP				240			3A									0				<3		70	P-	P-	P+	D.				D+					P*
R		445.00	455.00		GYPSUM VEINS NUMEROUS																																	
/		455.00	465.00	10.00	1000		HFBR					BR	<<	2	3	5	6		P		<3		45	P)	P=		<-	D.		D*	D-			72		
L	HYP				240			3A									0							P-	P-	P+	D-				D)					P*
R		455.00	465.00		AT 457FT SAMPLE FOR TS																																	
/		465.00	475.00	10.00	1000		HFBR					BR	<<	2	3	5	6		P		<3		78	P+	P+				CA	D*				72		
L	HYP				210			8G									0							P-	P(	P=			<-		D+					P*

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV R G D	MD % AGE	ROCK FV	TM RG	TM LC	TM	QM1 QM2	TX	TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/ L	HYP	475.00	476.00	1.00	1000 240		HFBR		86			BR	<<	2	3	5	6 0		P		<3		85	P+ P-	P+ P(	P=			CA <-	D(D)			72			

A UMM				% CU	% MOS2	PPM AG
A 004	55.00	65.00	62351	0.07	0.017	4.
A 004	65.00	75.00	62352	0.12	0.017	3.
A 004	75.00	85.00	62353	0.23	0.010	4.
A 004	85.00	95.00	62354	0.19	0.012	4.
A 004	95.00	105.00	62355	0.26	0.006	3.
A 004	105.00	115.00	62356	0.21	0.017	4.
A 004	115.00	125.00	62357	0.25	0.045	4.
A 004	125.00	135.00	62358	0.21	0.022	2.
A 004	135.00	145.00	62359	0.16	0.023	2.
A 004	145.00	155.00	62360	0.25	0.038	3.
A 004	155.00	165.00	62361	0.32	0.022	3.
A 004	165.00	175.00	62362	0.30	0.017	3.
A 004	175.00	185.00	62363	0.27	0.018	3.
A 004	185.00	195.00	62364	0.27	0.017	3.
A 004	195.00	205.00	62365	0.34	0.012	3.
A 004	205.00	215.00	62366	0.39	0.012	3.
A 004	215.00	225.00	62367	0.33	0.018	10.
A 004	225.00	235.00	62368	0.33	0.023	3.
A 004	235.00	245.00	62369	0.32	0.010	3.
A 004	245.00	255.00	62370	0.43	0.012	4.
A 004	255.00	265.00	62371	0.43	0.015	3.
A 004	265.00	275.00	62372	0.76	0.032	5.
A 004	275.00	285.00	62373	0.51	0.042	3.
A 004	285.00	295.00	62374	0.80	0.042	5.
A 004	295.00	305.00	62375	0.70	0.015	4.
A 004	305.00	315.00	62326	0.53	0.013	5.
A 004	315.00	325.00	62377	0.76	0.027	4.
A 004	325.00	335.00	62378	0.50	0.020	4.
A 004	335.00	345.00	62379	0.62	0.035	3.
A 004	345.00	355.00	62380	0.56	0.032	5.
A 004	355.00	365.00	62381	0.43	0.040	6.
A 004	365.00	375.00	62382	0.36	0.040	4.
A 004	375.00	385.00	62383	0.35	0.030	6.
A 004	385.00	395.00	62384	0.33	0.043	5.
A 004	395.00	405.00	62385	0.25	0.104	3.
A 004	405.00	415.00	62386	0.30	0.037	4.
A 004	415.00	425.00	62387	0.32	0.047	5.
A 004	425.00	435.00	62388	0.48	0.045	7.
A 004	435.00	445.00	62389	0.42	0.032	9.
A 004	445.00	455.00	62390	0.47	0.043	9.
A 004	455.00	465.00	62391	0.38	0.062	8.
A 004	465.00	475.00	62392	0.57	0.040	17.

G E O L O G E D I T L I S T I N G DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6B02

DRILLHOLE/TRAVERSE :DRGDH131 COLLAR ELEVATION: 5350.00 AZIMUTH(DEG) : .00 GEOLOGGED BY : LRS + DLS
TOTAL DEPTH/LENGTH : 403.00 NORTHING(- IF S): 17850.00 VERTICAL ANGLE : -90.00 DATE (YY/MM/DD): 800800
CORE/HOLE DIAMETER : EASTING (- IF W): 9950.00 CO-ORD SYSTEM : GRD PROJECT NUMBER : V-139

K E Y	F L A G	- INTERVAL - (UNITS = . DEC.PLACE) (MT=METRIC FT=FOOTRIC) FROM	TO	INT (.)	CORE RECOV- ERY	T- M O D	% M I X	ROCK TYPE	TYPI- FYING TM 1	IM 2	QAL MIN MAT QM1	TEX- TURES TX 1	TX 2	GRAIN CHARACS F C S R	% M A	TOTAL FRAC DEN MI	PGI /RI	STRUCTUR-1 T 1	ID 2	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A BI	H A CY	H A CB	H A MG	ANY MIN XX	ORE-TYPE H A PY	H A CP	H A GL	ANY MIN YY	SUMMARY ALT F	ORE I	Z	I
K E Y	F L G				ROCK QUAL DESIG	FM AGE		RT EN- VIR		TM QM2 COL		TX 3	TX 4	S R O N R D	S O H / P C	M L		T 2	ID	STK AZM	DIP RT	KF H STRUCTUR-2	MU H A	CL H A	EP H A	HE H A		MV H A	MO H A	SL H A		1	1 2	2
/	OVB	.00	40.00	40.00	000			OVER									P																	
L					000																													
/	CAP	40.00	50.00	10.00	100			HORN				<<	2	3	4	4	P	<3		80	P)	P.	P.	<-		LI	D)			CC	01		
L	SSX				000				7Y									<1		75	P-	P-	P.			D-		D*		D)				
R		40.00	50.00		HIGHLY FRACTURED-SILICIOUS LIMONITIC CRUMBLY ROCK																															
/	CAP	50.00	60.00	10.00	200			HORN				<<	2	3	4	4	P	<3		85	P)	P-	P.	<-	D.	LI	D+	D.		CC	01		
L	SSX				000				7Y									<1		85	P-	P)	P.			D*		D)		D)				
R		50.00	60.00		HIGHLY FRACTURED-SILICIOUS																															
/	CAP	60.00	70.00	10.00	300			HORN				<<	2	3	4	4	P	<3		80	P)	P.	P.	<-	D.	LI	D+			CC	51		
L	SSX				000				7Y									<1		85	P.	P+				D-		D)		D)				
R		60.00	70.00		HIGHLY FRACTURED (BOX-WORK)QTZ																															
/	CAP	70.00	80.00	10.00	400			HORN				<<	2	3	4	5	P	<3		90	P)	P.	P.	<-	D.	LI	D+	D.		CC	51		
L	SSX				130				7Y									<1		80	P-	P=	P.			D-		D)		D*				
R		70.00	80.00		MANY QTZ-MO VEINS BETWEEN 60 AND 90 DIP																															
/		80.00	90.00	10.00	100			HORN				<<	2	3	5	6	P	<3		75	P)	P.	P.	<-		D*	D-			CC	51		
L	SSX				000				7A									<3		85	P-	P+	P.				D+			D-			P-	
/		90.00	100.00	10.00				LOST									P																	
L																																		
R		90.00	100.00		LOST CORE																													
/		100.00	110.00	10.00				LOST									P																	
L																																		

KEY	F-L-G	FROM	TO	INT	RECOV RQD	MD % AGE	ROCK	TM	TM2	QM1 QM2	TX	TX	F	C	R	% S	M O	TFDM SML	RI	1 2	ID	AZM	DIP	QZ	BI	CY	CB	MG	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
P		100.00	110.00		LOST CORE																																	
/		110.00	120.00	10.00	100		HORN						2	3	3	4			P														CC					
L	SSX				000			7A								C																D.					
R		110.00	120.00		CORE IS RUBBLE																																	
/		120.00	130.00	10.00	800		HORN				<<	2	3	3	4			P		<3		85	P-	P-		<-				D-			CC	71			
L	SSX				160			7A								C				<3		85	P.	P(	P*						D*		D-				
/		130.00	140.00	10.00	1000		HORN				<<	2	3	3	4			P		<3		85	P-	P-		<.				D-			CC	81			
L	SSX				160			7A								C				<3		70	P-	P+	P.						D)		D-				
R		130.00	140.00		INTENSE QTZ FLOODING																																	
/		140.00	150.00	10.00	1000		HORN				<<	2	3	3	4			P		<3		60	P-	P.		<-				D*	D.		CC	71			
L	SSX				130			7A								C				<1		75	P.	P+	P*						D)		D.			P*	
R		140.00	150.00		AT 150 FT NATIVE AG VEIN?																																	
/		150.00	160.00	10.00	1000		HORN				<<	2	3	3	5			P		<3		85	P-	P.		<-	D-			D*			CC	71			
L	SSX				160			7A								C				<1		80	P.	P-	P=						D*		D.			P)	
/	CNT	156.00	158.00	2.00		X	HFBR												R																		
P		156.00	158.00			7A		POSSIBLE AG AT 154 FT.																															
/	CNT	160.00	170.00	10.00	1000		HFBR				<<	2	3	3	5			P		<3		85	P-	P.		<-	D-			D*				71			
L	HYP				180			7A								C				<1		70	P.	P-	P(						D)					P)	
R		160.00	170.00		AT 160FT SHATTER BX ENCOUNTERED FOR 3 FT.																																	
/		170.00	180.00	10.00	1000		HFBR						2	3	3	5			P		<1		70	P-	P.		<-				D(				81			
L	HYP				160			7A								C				<3		60		P-	P(						D)					P(	
/		180.00	190.00	10.00	1000		HFBR						2	3	3	5			P		<1		60	P.	P.		<-	D.			D*			CC	82			
L	HYP				160			7G								C				<3		80	P.	P-	P)						D*		D.			P-	
/	CNT	190.00	200.00	10.00	1000		HORN						2	3	3	4			P		<1		75	P.	P.		<-				D*	D-		CC	82			
L	SSX				240			7A								C				<3		50	P.	P-	P)						D*		D.				
/		200.00	210.00	10.00	1000		HORN				<<	2	3	3	4			P		<1		60	P-	P+		<(	D.			D*	D(	D*		81			
L	HYP				210			7A												<1		75		P-	P)						D(					P-	
R		200.00	210.00		MAYBE POSSIBLE AG WITH GALENA																																	
/		210.00	220.00	10.00	1000		HORN				<<	2	3	3	4			P		<1		40		P+		<(				D*				81			
L	HYP				210			7A																P.	P)						D(					P-	
/		220.00	230.00	10.00	1000		HORN				<<	2	3	3	4			P		<1		60		P+		<(				D*				81			
L	HYP				240			7G																	P+						D(					P-	

KEY	F -L- G	FROM -	TO -	INT	RECOV R Q D	MD % AGE	ROCK EV	TM RQ	TM LC	QM1 TM	QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		230.00	236.00	6.00	1000		HORN					<<	2	3	3	4		P		<1		70	P-	P+		<)	D-		D*	D-			85			
L	HYP				240			7G								C				<3		80			P=					D*					P-	
/		236.00	240.00	4.00			HFBR					<<	2	3	4	4		P		<3		85													
L								7G																											
/		240.00	250.00	10.00	1000		HORN									4		P		<1		60	P-	P+		<)	D-		D*	D(			85			
L	HYP				240			7G												<3		85			P=					D(					P-	
/		250.00	260.00	10.00	1000		HORN					<<	2	3	4	4		P		<1		75	P-	P+						D)	D(			85			
L	HYP				240			7G												<3		80			P=					D*					P-	
/		260.00	270.00	10.00	1000		HORN					<<	2	3	3	4		P		<1		70	P.	P+		<*	D.		D*	D-			82			
L	HYP				240			7A								C				<3		60		P-	P+					D(					P-	
/		270.00	280.00	10.00	1000		HORN					<<	2	3	3	4		P		<1		60	P.	P+		<*	D-		D)	D.			82			
L	HYP				240			7A								C				<3		60		P.	P)					D*					P.	
/		280.00	290.00	10.00	1000		HORN					<<	2	3	3	4		P		<1		75		P+		<*	D-		D)	D-			82			
L	HYP				210			7A								C				<3		70		P.	P)					D*					P.	
/		290.00	300.00	10.00	1000		HORN					<<	2	3	3	3		P		<1		60		P+		<)	D-		D)				81			
L	HYP							7A								C				<1		75	P.		P+					D(					P.	
/		300.00	310.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		68		P+		<)	D-		D)				83			
L	HYP							7A								C				<1		70	P.	P.	P=					D*						
/	CNT	310.00	320.00	10.00	1000		HFBR					<<	2	3	4	7		P		<3		80	P*	P+		<-	D-		D*	D.			82			
L	HYP							7A								0				<1		55	P.	P-	P)					D*						
/		320.00	330.00	10.00	1000		HFBR						2	3	4	7		P		<1		65	P*	P=		<-	D-		D)	D-			82			
L	HYP							7A								C				<3		45	P-	P-	P+					D*						
/	CNT	323.00	324.00	1.00		KF	X QZMZ	PF	BI	KF	PP	<<	2	3	4	5		R		<1		70	P*	P+					D)	D-			73			
L								7A								0				<3		35	P*	P=	P-											
/		330.00	340.00	10.00	1000	KF	QZMZ	PF	BI	KF	PP	<<	2	3	4	4		P		<1		60	P(| P)			D-		D)				73			
L	HYP							7A								0				<3		90	P*	P=	P*					D)						
/	CNT	332.00	333.00	1.00			X HORN					<<	2	3	4	6		R		<3		90				<-										
R		332.00	333.00		INTENSE SILICA FLOODING			0				<1		.75																						
/	CNT	340.00	350.00	10.00	1000		HORN					<<	2	3	3	4		P		<3		80	P*	P=		<-			D)	D-			73			
L	HYP							7A												<1		70	P-	P.	P)					D)						
/		350.00	360.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		85	P*	P=		<-	D-		D*	D-			73			
L	HYP							7A												<1		60	P.	P.	P)					D)						
R		350.00	360.00		AT 352FT CPYW PB?ORSPHALERITEAT360FTCINNIBAR?COATINGSORHEMATITE?																																	

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK EV	TM RQ	TM LC	QM1 TM	QM2	TX TX	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		360.00	370.00	10.00	1000		HORN					<<		2	3	3	3		P		<3		75	P*	P=		<-	D(		D)	D-			73			
L	HYP								7A												<1		60	P.	P.	P)					D-						
/		370.00	380.00	10.00	1000		HORN					<<		2	3	3	3		P		<3		55	P*	P=		<-	D(		D)	D-			73			
L	HYP								7A												<1		85	P.	P.	P)					D-						
/		380.00	390.00	10.00	1000		HORN							2	3	3	4		P		<1		75	P-	P+		<-	D*		D)	D.			73			
L	HYP								7A								0				<3		50	P.	P.	P+					D-						
/		390.00	400.00	10.00	1000		HORN							2	3	3	4		P		<1		80	P-	P+		<-	D*		D)	D.			73			
L	HYP								7A								0				<3		85	P.	P.	P=					D-						
/		400.00	403.00	3.00	300		HORN							2	3	3	4		P		<1		70	P-	P+		<-	D*		D)	D.			73			
L	HYP								7A								0				<3		65	P.	P.	P=					D-						
R		390.00	403.00		SAMPLE 62425 INCLUDED FROM 390 FT TO 403 FT																																	

A	UMM				% CU	% MOS2	PPMAG
A	004	40.00	55.00	62393	1.05	0.068	6.
A	004	55.00	65.00	62394	0.90	0.187	12.
A	004	65.00	75.00	62395	1.30	0.084	47.
A	004	75.00	85.00	62396	0.87	0.110	8.
R	ASY	85.00	95.00	NO CORE			
R	ASY	95.00	105.00	NO CORE			
R	ASY	105.00	115.00	NO CORE			
A	004	115.00	125.00	62397	0.46	0.038	5.
A	004	125.00	135.00	62398	0.51	0.067	7.
A	004	135.00	145.00	62399	0.41	0.065	11.
A	004	145.00	155.00	62400	0.54	0.047	21.
A	004	155.00	165.00	62401	0.28	0.038	10.
A	004	165.00	175.00	62402	0.42	0.055	9.
A	004	175.00	185.00	62403	0.48	0.063	9.
A	004	185.00	195.00	62404	0.36	0.058	6.
A	004	195.00	205.00	62405	0.45	0.089	6.
A	004	205.00	215.00	62406	0.30	0.035	7.
A	004	215.00	225.00	62407	0.34	0.068	6.
A	004	225.00	235.00	62408	0.51	0.078	8.
A	004	235.00	240.00	62409	0.48	0.124	8.
A	004	240.00	250.00	62410	0.37	0.040	9.
A	004	250.00	260.00	62411	0.37	0.023	5.
A	004	260.00	270.00	62412	0.36	0.089	6.
A	004	270.00	280.00	62413	0.27	0.055	5.
A	004	280.00	290.00	62414	0.30	0.040	5.
A	004	290.00	300.00	62415	0.38	0.055	6.
A	004	300.00	310.00	62416	0.40	0.042	6.
A	004	310.00	320.00	62417	0.53	0.038	7.
A	004	320.00	330.00	62418	0.27	0.045	4.
A	004	330.00	340.00	62419	0.30	0.115	4.
A	004	340.00	350.00	62420	0.34	0.084	5.
A	004	350.00	360.00	62421	0.34	0.023	6.
A	004	360.00	370.00	62422	0.38	0.028	7.
A	004	370.00	380.00	62423	0.28	0.053	5.
A	004	380.00	390.00	62424	0.07	0.042	5.
A	004	390.00	403.00	62425	0.33	0.025	5.

G E O L O G E D I T L I S T I N G

DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6802

DRILLHOLE/TRAVERSE :PRGDH132 | COLLAR ELEVATION: 5700.00 | AZIMUTH(DEG) : .00 | GEOLOGGED BY : LRS + DLS
TOTAL DEPTH/LENGTH : 470.00 | NORTHING(- IF S): 17900.00 | VERTICAL ANGLE : -90.00 | DATE (YY/MM/DD): 800800
CORE/HOLE DIAMETER : | EASTING (- IF W): 10600.00 | CO-ORD SYSTEM : GRD | PROJECT NUMBER : V-139

K E Y	F L A G	- I N T E R V A L - (UNITS = . DEC.PLACE) (MT=METRIC FT=FOOTRIC) FROM	TO	INT (.)	CORE RECOV- ERY	T- O D	% M I X	ROCK TYPE	TYPI- FYING TM 1	TM 2	QAL MIN MAT QM1	TEX- TURES TX 1	TX 2	GRAIN CHARACS F F	C R	% D P	M A	TOTAL FRAC DEN /RI MI	PGI T 1	STRUCTUR-1 ID STK AZM	DIP RT	ALTERATION MINS H A QZ	H A BI	H A CY	H A CB	H A MG	ORE-TYPE MINS H ANY XX	H A PY	H A CP	H A GL	SUMMARY MINS ANY YY	ALT F	ORE I	Z	I
K E Y	F L G				ROCK QUAL DESIG	FM AGE	RT EN- VIR	Q	LC- COL	TM 3	QM2	TX 3	TX 4	S O R	R N D	H P C	/ C	M L		T 2	STRUCTUR-2 ID STK AZM	DIP RT	H A KF	H A MU	H A CL	H A EP	H A HE	H A	H A MV	H A MO	H A SL	H A		1 2		1 2
/	OVR	.00	13.00	13.00	000		OVER												P																
/		13.00	20.00	7.00	600		HORN					<<	1	1	1	1			P		<3	50	P=		P.	D(	LI	D*				CC	54		
L	SSX				050			7T								C					<3	85	P.	P.			<+		D-		D-				
R		13.00	20.00		NUMEROUS <1AND<3 VEIN DENSITY 60% ABUNDANT LIMONITE OR KAR																																
/		20.00	30.00	10.00	800		HORN					<<	1	1	1	1			P		<3	60	P=	P.	P.	D(	LI	D*				CC	54		
L	SSX				075			7T								C					<1	75	P.	P.			<+		D-		D-				
R		20.00	30.00		VEIN DENSITY 70% HIGHLY FRACT ROCK																																
/		30.00	40.00	10.00	500		HORN					<<	1	1	1	1			P		<3	60	P=	P.	P.	D.	LI	D*				FM	54		
L	SSX				075			7T								C							P.	P.			<+				D.				
/		.00	.00	.00	500	X	HORN					<<	1	1	1	1			R		<3	60	P=	P.	P.	D.	LI	D*				CC	54		
L					075			7T								C							P.	P.			<+				D-				
R		30.00	40.00		HIGH FRACTURE DENSITY																																
/		40.00	50.00	10.00	100		HORN												P														CC			
L	SSX				075																												D-			
R		40.00	50.00		SAME AS ABOVE																																
/		50.00	60.00	10.00	1000		HORN					<<	1	1	1	1			P		<3	80	P=		P.	D(	LI	D(				FM	53		
L	SSX				120			7A								C					<3	75	P.	P.			<+		D*		D-				
/		.00	.00	.00	1000	X	HORN					<<	1	1	1	1			R		<3	80	P=		P.	D(	LI	D(				CC	53		
L	SSX				120			7A								C					<3	75	P.	P.			<+		D*		D(				
/		60.00	70.00	10.00	1000		HORN					<<	1	2	2	2			P		<3	85	P=		P.	D(	LI	D(				FM	53		
L	SSX				250			7A								C						60	P.	P.			<+		D*		D-				

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV R Q D	MD % AGE	ROCK EV	TM RO	TM LC	QM1 TM	QM2	TX TX	F S	C R	% S	M O	TEXM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/	SSX	.00	.00	.00	1000	X	HORN					<<	1	2	2	2		R		<3		85	P=		P.		D(	LI	D(			CC	53			
L					250			7A								C						60	P.	P.				<+		D*		D-				
/		70.00	80.00	10.00	1000		HORN					<<	1	2	2	2		P		<3		85	P1					LI	D(			FM	53			
L	SSX				250			7A								C				<3		70	P.	P.				<+		D*		D-				
/		80.00	90.00	10.00	1000		HORN					<<	1	2	2	3		P		<3		90	P1		P.			LI	D(	D-		FM	53			
L	SSX				120			7A								C				<3		85	P.	P.				<+		D)		D*				
/		80.00	90.00	10.00	1000	X	HORN					<<	1	2	2	3		R		<3		90	P1		P.			LI	D(	D-		CC	53			
L	SSX				120			7A								C				<3		85	P.	P.				<+		D)		D-				
/		90.00	100.00	10.00	1000		HORN					<<	1	2	2	3		P		<3		90	P1					LI	D(	D-		FM	53			
L	SSX				075			7A								C				<3		80	P.	P.				<+		D)		D)				
/		90.00	100.00	10.00	1000	X	HORN					<<	1	2	2	3		R		<3		90	P1					LI	D(	D-		CC	53			
L	SSX				075			7A								C				<3		80	P.	P.				<+		D)		D-				
/		100.00	110.00	10.00	1000		HORN					<<	1	2	2	3		P		<3		90	P1					LI	D(	D-		FM	53			
L	SSX				075			7A								C				<3		60	P.	P.				<+		D+		D)				
/		100.00	110.00	10.00	1000	X	HORN					<<	1	2	2	3		R		<3		90	P1					LI	D(	D-		CC	53			
L	SSX				075			7A								C				<3		60	P.	P.				<+		D+		D-				
/		110.00	120.00	10.00	1000		HORN					<<	2	2	2	3		P		<3		75	P1	P-				LI	D)	D-		FM	54			
L	SSX				120			7A								C				<3		80	P.	P.				<+		D)		D-				
/		110.00	120.00	10.00	1000	X	HORN					<<	2	2	2	3		R		<3		75	P1	P-				LI	D)	D-		CC	54			
L	SSX				120			7A								C				<3		80	P.	P.				<+		D)		D*				
/		120.00	130.00	10.00	1000		HORN					<<	2	2	2	3		P		<3		90	P1	P-				LI	D*			FM	54			
L	SSX				150			7A								C				<3		50	P.	P,				<+		D)		D-				
/		130.00	140.00	10.00	1000		HORN					<<	2	2	2	3		P		<3		75	P1					LI	D*			CC	95			
L	SSX				075			7A								C				<3		40						<+		D)		D(				
R		130.00	140.00		INTENSE SILICIFICATION, FERRIMOLYB STILL PERVASIVE																																
/		140.00	150.00	10.00	1000		HORN					<<	2	2	2	3		P		<3		60	P=	P.				LI	D(			CC	95			
L	SSX				075			7A								C				<3		55		P.				<)		D*		D*				
R		140.00	150.00		FERRIMOLYBDITE TRAE AMTS.																																
/		150.00	160.00	10.00	900		HORN					<<	2	2	2	3		P		<1		90	P=					LI	D(			CC	95			
L	SSX				075			7A								C				<3		70		P.				<)		D*		D*				
R		150.00	160.00		TRACE AMTS FM QTZ IS SMOKY																																
/		160.00	170.00	10.00	1000		HORN											P		<3		75	P=					LI	D(			CC				
L	SSX				075			7A												<3		80		P-				<=		D*		D(				

K F Y R	F -L- G	F R O M	- T O -	I N T	RECOV R Q D	MD % AGE	ROCK EV	TM RQ	TM LC	QM1 TM	QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
R		160.00	170.00		TR. AMTS FM. QTZ IS SMOKY																															
/		170.00	180.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		80	P+					LI	D*			CC	94			
L	SSX				075			7A								C				<3		60	P.	P*				<+		D*		D(				
R		170.00	180.00		QTZ APPEARS TO BE SMOKY MINOR FM																															
/		180.00	190.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		85	P=	P*				LI	D*			CC	94			
L	SSX				075			7A								C				<3		70	P.	P.				<)		D)		D*				
R		180.00	190.00		MINOR FM AND ABUNDANT JAROSITE-LIMON.																															
/		190.00	200.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		75	P=	P(				LI	D*			CC	94			
L	SSX				120			7A								C				<1		45	P.	P.				<(		D*		D*				
R		190.00	200.00		PY< CUT MO<																															
/		200.00	210.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		70	P+	P*				LI	D*			CC	94			
L	SSX				075			7A								C				<1		45	P.	P.				<(		D*		D*				
/		210.00	220.00	10.00	1000		HORN					<<	2	2	3	3		P		<3		70	P=	P+				LI	D*			CC	94			
L	SSX				120			7A								C				<1		65	P,	P.				<-		D*		D*				
/		220.00	230.00	10.00	1000		HORN					<<	2	2	3	3		P		<3		90	P)	P=				LI	D*	D-		CC	72			
L	SSX				120			7A								C				<1		70	P.	P,				<)		D*		D)				
/		230.00	240.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		85	P*	P=				LI	D*	D-		CC	72			
L	SSX				050			7A								C				<1		65	P,	P.				<)		D*		D)				
/		240.00	250.00	10.00	900		HORN					<<	2	3	3	3		P		<3		80	P*	P=				LI	D*	D-		CC	72			
L	SSX				050			7A								C				<1		85	P.	P.				<*		D*		D)				
R		240.00	250.00		CORE CRUMBLY AT 248FT. FAULT?																															
/		250.00	260.00	10.00	900		HORN											P		<3		80	P*	P=				LI	D*			CC	72			
L	SSX				000			7A															P.	P.				<-		D*		D)			M+	
R		250.00	260.00		MASSIVE GYPSUM 250FT TO 252FT WHORN-GYP LOOKS LIKE ANHYDRITE																															
/		260.00	270.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		65	P*	P=					D*			CC	72			
L	SSX				000			7A								C							P,	P,	P-					D*		D)				
/		270.00	280.00	10.00	100		HORN					<<	2	3	3	3		P		<3		55										CC				
L	SSX				000			7A								C									P-						D-				
R		270.00	280.00		CORE VERY CRUMBLY																															
/		280.00	290.00	10.00	1000		HORN					<<	2	3	3	3		P		<3		65	P*	P=					D*	D-		CC	72			
L	SSX				050			7A								C				<1		70			P-					D*		D*				
/		290.00	300.00	10.00	1000		HORN					<<	2	2	3	3		P		<3		60	P(	P=			D-		D(	D-		CC	73			
L	SSX				025			7A								C				<3		80	P.	P.	P-					D-		D+				

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV R Q D	MD % AGE	ROCK EV	TM RQ	IM LC	QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MQ	GL SL	YY	F	I	Z	I
/		.00	.00	.00	1000		X HORN				<<	2	2	3	3		R		<3		60	P(	P=			D-		D(	D-		CV	73			
L	SSX				025			7A							C				<3		80	P.	P.	P-					D-		D.				
R		290.00	300.00		CORE VERY CRUMBLED																														
/		300.00	310.00	10.00	1000		HORN				<<	2	2	3	3		P		<3		50	P(	P=			D-		D)	D-		CC	73			
L	SSX				025			7A							C				<1		75	P.	P.	P-					D*		D+				
/		.00	.00	.00	1000		X HORN				<<	2	2	3	3		R		<3		50	P(	P=			D-		D)	D-		CV	73			
L	SSX				025			7A							C				<1		75	P.	P.	P-					D*		D.				
R		300.00	310.00		CORE VERY CRUMBLED																														
/		310.00	320.00	10.00	900		HORN				<<	2	2	3	3		P		<3		80	P-	P=			D-		D)	D-		CC	73			
L	SSX				050			7A							C				<1		70	P.	P.	P-					D(		D+				
/		.00	.00	.00	900		X HORN				<<	2	2	3	3		R		<3		80	P-	P=			D-		D)	D-		CV	73			
L	SSX				050			7A							C				<1		70	P.	P.	P-					D(		D-				
R		310.00	320.00		CORE VERY CRUMBLED																														
/		320.00	330.00	10.00	900		HORN				<<	2	2	3	3		P		<3		85	P(	P=			D-		D)			CC	73			
L	SSX				050			7A							C				<1		70	P.	P.	P(					D*		D)				
/		.00	.00	.00	900		X HORN				<<	2	2	3	3		R		<3		85	P(	P=			D-		D)			CV	73			
L	SSX				050			7A							C				<1		70	P.	P.	P(					D*		D-				
R		320.00	330.00		CORE VERY CRUMBLED																														
/		330.00	340.00	10.00	900		HORN				<<	2	2	3	3		P		<3		50	P(	P=			D-		D)	D-		CC	73			
L	SSX				050			7A							C				<1		60	P.	P.	P(					D*		D=				
/		.00	.00	.00	900		X HORN				<<	2	2	3	3		R		<3		50	P(	P=			D-		D)	D-		CV	73			
L	SSX				050			7A							C				<1		60	P.	P.	P(					D*		D-				
R		330.00	340.00		CORE CRUMBLED																														
/		340.00	350.00	10.00	500		HORN				<<	2	2	3	3		P		<1		40	P-	P=			D-		D)	D-		CC				
L	SSX				025			7A														P.	P-	P.					D(		D=				
/		.00	.00	.00	500		X HORN				<<	2	2	3	3		R		<1		40	P-	P=			D-		D)	D-		CV				
L	SSX				025			7A														P.	P-	P.					D(		D-				
/		350.00	360.00	10.00	900		HORN				<<	2	2	3	3		P		<1		60	P.	P=			D-	LI	D=	D-		CV	72			
L	SSX				050			7A							C								P.	P-			<-		D*		D=				
/		.00	.00	.00	900		X HORN				<<	2	2	3	3		R		<1		60	P.	P=			D-	LI	D=	D-		CC	72			
L	SSX				050			7A							C								P.	P-			<-		D*		D=				
R		350.00	360.00		CORE CRUMBLED																														

K E Y	F -L- G	F R O M	- T O -	I N T	RECOV R Q D	MD % AGE	ROCK EV RQ	TM LC	IM QM1 QM2	TX TX	F C S	% R S	M O	TFDM SML	RI	1 2	ID AZM	DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F I Z I
/		360.00	370.00	10.00	900		HORN			<<	2 2	3 3	3		P		<1		70	P.	P=			D.	LI	D=	D.		CV	
L	SSX				250			7A					C							P-	P-				<-		D-		D=	
/		.00	.00	.00	900	X	HORN			<<	2 2	3 3	3		R		<1		70	P.	P=			D.	LI	D=	D.		CC	
L	SSX				250			7A					C							P-	P-				<-		D-		D=	
R		360.00	370.00		CORE CRUMBLED																								
/		370.00	380.00	10.00	900		HORN			<<	2 2	3 3	3		P		<1		75	P.	P=			D.	LI	D+	D.		CC	
L	SSX				250			7A					C												<-		D-		D=	
/		.00	.00	.00	900	X	HORN			<<	2 2	3 3	3		R		<1		75	P.	P=			D.	LI	D+	D.		CV	
L	SSX				250			7A					C												<-		D-		D=	
R		370.00	380.00		CORE CRUMBLED																								
/		380.00	390.00	10.00	800		HORN			<<	2 2	3 3	3		P		<1		60	P-	P=				LI	D+	D.		CC	
L	SSX				000			7A					C								P.	P-			<-		D-		D=	
/		.00	.00	.00	800	X	HORN			<<	2 2	3 3	3		R		<1		60	P-	P=				LI	D+	D.		CV	
L	SSX				000			7A					C								P.	P-			<-		D-		D=	
R		380.00	390.00		CORE CRUMBLED																								
/		390.00	400.00	10.00	800		HORN			<<	2 2	3 3	3		P		<1		45	P-	P=				LI	D+	D.		CC	
L	SSX				000			7A					C								P.	P-			<-		D-		D=	
/		.00	.00	.00	800	X	HORN			<<	2 2	3 3	3		R		<1		45	P-	P=				LI	D+	D.		CV	
L	SSX				000			7A					C								P.	P-			<-		D-		D=	
R		390.00	400.00		CORE CRUMBLED																								
/		400.00	410.00	10.00			HORN								P														
L	SSX							7A																					
/	CN	401.00	406.00	5.00		KF X	QZMZ	PF BI		<<	2 3	4 4			R		<1		30	P-	P-				LI	D+			CC	
L								7Y					0							P-					<-		M-		D=	
/		410.00	420.00	10.00	900		HORN			<<	2 2	3 3	3		P		<1		50	P-	P+			D-	LI	D=	D.		CC	
L	SSX				000			7A					C								P.	P.	P.		<-		D-		D+	
R		410.00	420.00		CORE VERY CRUMBLY																								
/		420.00	430.00	10.00	800		HORN			<<	2 2	3 3	3		P		<1		40	P-	P+			D-	LI	D=	D.		CC	
L	SSX				000			7A					C								P.	P.	P.		<-		D-		D+	
R		420.00	430.00		CORE VERY CRUMBLY																								
/		430.00	440.00	10.00	800		HORN			<<	2 3	3 3	3		P		<1		75	P*	P+			D-	LI	D=	D.		CC	
L	SSX				000			7A					C								P.	P.	P.		<-		D-		D+	

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV R Q D	MD % AGE	ROCK TM FV	IN QM1 RQ	TX TX LC	F C % M TFDM TM	RI	1 ID AZM DIP	QZ BI CY CB MG XX PY CP GL YY	F I Z I
		----.--	----.--	---.--	---.--	-- -	----	--	---	-- -- - - - -	---	- -- ---	-- -- -- -- -- -- -- -- -- --	- - - -
R		430.00	440.00		CORE VERY CRUMBLY			QM2	TX TX	S R S O SML		2 ID AZM DIP	KF MU CL EP HE MV MO SL	
/		440.00	470.00	30.00			LOST				P			
R		440.00	470.00		END OF HOLE LOST CORE.									

A	UMM				% CU	% MO	PPMAG
A	004	13.00	20.00	62426	0.33	0.035	5.
A	004	20.00	30.00	62427	0.13	0.043	6.
A	004	30.00	40.00	62428	0.02	0.329	9.
A	004	40.00	50.00	62429	0.01	0.028	6.
A	004	50.00	60.00	62430	0.01	0.027	6.
A	004	60.00	70.00	62431	0.02	0.023	4.
A	004	70.00	80.00	62432	0.05	0.030	5.
A	004	80.00	90.00	62433	0.05	0.020	5.
A	004	90.00	100.00	62434	0.03	0.035	4.
A	004	100.00	110.00	62435	0.03	0.015	8.
A	004	110.00	120.00	62436	0.03	0.013	5.
A	004	120.00	130.00	62437	0.04	0.048	5.
A	004	130.00	140.00	62438	0.06	0.094	4.
A	004	140.00	150.00	62439	0.07	0.062	3.
A	004	150.00	160.00	62440	0.07	0.045	4.
A	004	160.00	170.00	62441	0.03	0.008	4.
A	004	170.00	180.00	62442	0.08	0.027	6.
A	004	180.00	190.00	62443	0.22	0.058	5.
A	004	190.00	200.00	62444	0.59	0.062	7.
A	004	200.00	210.00	62445	0.67	0.053	7.
A	004	210.00	220.00	62446	0.55	0.078	6.
A	004	220.00	230.00	62447	0.48	0.062	6.
A	004	230.00	240.00	62448	0.56	0.092	7.
A	004	240.00	250.00	62449	0.73	0.073	8.
A	004	250.00	260.00	62450	0.81	0.065	7.
A	004	260.00	270.00	62451	0.60	0.067	6.
R	ASY	270.00	280.00	62452	NO CORE		
A	004	280.00	290.00	62453	0.40	0.037	4.
A	004	290.00	300.00	62454	0.64	0.110	8.
A	004	300.00	310.00	62455	0.60	0.043	6.
A	004	310.00	320.00	62456	0.64	0.038	5.
A	004	320.00	330.00	62457	0.89	0.025	7.
A	004	330.00	340.00	62458	0.70	0.035	5.
A	004	340.00	350.00	62459	0.63	0.057	5.
A	004	350.00	360.00	62460	0.72	0.043	4.
A	004	360.00	370.00	62461	0.51	0.045	5.
A	004	370.00	380.00	62462	0.46	0.032	4.
A	004	380.00	390.00	62463	0.46	0.042	4.
A	004	390.00	400.00	62464	0.56	0.053	5.
R	ASY	400.00	410.00	62465	NO CORE		
A	004	410.00	420.00	62466	0.82	0.058	6.
A	004	420.00	430.00	62467	0.77	0.105	6.
A	004	430.00	440.00	62468	0.60	0.080	5.

GEOLOG EDIT LISTING

DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6802

DRILLHOLE/TRAVERSE :BRGDH133 COLLAR ELEVATION: 5680.00 AZIMUTH(DEG) : .00 GEOLOGGED BY : LRS +
TOTAL DEPTH/LENGTH : 500.00 NORTHING(- IF S): 20100.00 VERTICAL ANGLE : -90.00 DATE (YY/MM/DD): 800800
CORE/HOLE DIAMETER : EASTING (- IF W): 10780.00 CO-ORD SYSTEM : GRD PROJECT NUMBER : V-139

KEY	FLAG	- INTERVAL - (UNITS = . DEC.PLACE) (MT=METRIC FT=FOOTRIC) FROM - TO - INT (.)	CORE RECOV-ERY	T- % M N O I D X	ROCK TYPE	TYPI- FYING TM 1	TM 2	QAL MIN MAT QM1	TEX- TURES TX 1	TX 2	GRAIN CHARACS F C S R O N R D	% M H P C	TOTAL FRAC DEN MI	PGI /RI	T 1	STRUCTUR-1 ID STK DIP AZM RT	ALTERATION MINS H A QZ	H A BI	A A CY	A A CB	H A MG	ANY MIN XX	ORE-TYPE H A PY	H A CP	A A GL	ANY MIN YY	SUMMARY ALT F	ORE I	Z I
KEY	FLAG		ROCK QUAL DESIG	FM AGE	RT FN- VIR	TM 3		QM2 TX 3	TX 4	S O R	R H D	/ P C	M L		T 2	STRUCTUR-2 ID STK DIP AZM RT	KF H A	MU H A	CL H A	EP H A	HE H A	MV H A	MO H A	SL H A		1 2		1 2
/	OVB	.00 30.00 30.00	000		OVER									P														
L			000																									
/		30.00 40.00 10.00	900		DIOR	BI			<<	2	2	3	2	P		<1	80	P.	P+		D*	LI	D(		CC	13	
L	SSX		000			7A							C			<1	55					<+			D-		
R		30.00 40.00 ROCK VERY LIMONITIC ON ALL FRACTURE SURFACES AND CRUMBLY																										
/		40.00 50.00 10.00	900		DIOR	BI			<<	2	2	3	3	P		<1	85	P.	P+		D*	LI	D(		CC	13	
L	SSX		050			7A							C			<1	80					<+		D-	D.		
/		50.00 60.00 10.00	900		DIOR	BI			<<	2	2	3	3	P		<1	80	P.	P+		D-	LI	D-		CC	13	
L	SSX		050			7A							C									<+		D-	D.		
/		60.00 70.00 10.00	1000		DIOR	BI			<<	2	2	3	3	P		<1	60	P-	P+		D.	LI	D-		CC	13	
L	SSX		050			7A							C			<3	85	P.				<+		D-	D-		
/		70.00 80.00 10.00	900		DIOR	BI			<<	2	2	3	3	P		<1	80	P*	P+		D.	LI	D*		CC	13	
L	SSX		075			7A							C			<3	40					<)		D-	D-		
/		80.00 90.00 10.00	900		DIOR	BI			<<	2	2	3	3	P		<1	75	P*	P+		D.	LI	D*		CC		
L	SSX		075			7A							C			<3	65					<)		D*	D*		
/		90.00 100.00 10.00	900		DIOR	BI			<<	2	2	3	3	P		<1	85	P-	P+			LI	D*	D-	CC		
L	SSX		075			7A							C			<	60					<+		D*	D*		
/		100.00 110.00 10.00	1000		DIOR	BI			<<	2	2	3	3	P		<1	85	P-	P+			LI	D*	D-	CC		
L	SSX		050			7A							C									<*		D*	D*		
/		110.00 120.00 10.00	1000		DIOR	BI			<<	2	2	3	3	P		<1	70	P*	P+			LI	D*	D-	CC		
L	SSX		050			7A							C			<3	45			P-		<-		D*	D)		

KEY	F -L- G	FROM	TO	INT	RECOV RQD	MD AGE	% EV	ROCK RQ	TM LC	IM TM	QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX MY	PY MO	CP SL	GL	YY	F	I	Z	I
/		120.00	130.00	10.00	1000			DIOR	BI			<<	2	2	3	3		P		<1		50	P*	P+				LI	D*	D-		CC				
L	SSX				050				7A							C									P-			<-		D*		D)				
/		130.00	140.00	10.00	900			DIOR				<<	2	2	3	3		P		<1		45	P*	P*		D.		D*	D-		CC	71			
L	SSX				025				7A							C							P(		P*					D*		D+				
R		130.00	140.00		CORE VERY CRUMBLY																																
/		140.00	150.00	10.00	900			DIOR				<<	2	2	3	3		P		<1		40	P*	P+		D-		D*			CC	71			
L	SSX				025				7A							C							P(		P*					D*		D+				
R		140.00	150.00		CORE VERY CRUMBLY																																
/		150.00	160.00	10.00	900			DIOR				<<	2	2	3	3		P		<1		75	P+	P-				LI	D+			CC	92			
L	SSX				025				7A							C				<3		50	P*	P.	P-			<*		D-		D+				
R		150.00	160.00		CORE CRUMBLED																																
/		160.00	170.00	10.00	600			DIOR				<<	2	2	3	3		P		<1		60	P+	P-				LI	D+	D-		CC	92			
L	SSX				025				7A							C				<3		45	P*		P-			<*		D-		D+				
R		160.00	170.00		CORE CRUMBLED																																
/		170.00	180.00	10.00	900			DIOR				<<	2	2	3	3		P		<1		50	P*	P+				LI	D+	D.		CC	91			
L	SSX				025				7A							C				<3		60	P-		P-			<-		D-		D+				
/		180.00	190.00	10.00	600			DIOR				<<	2	2	3	3		P		<1		55	P*	P+				LI	D+			CC	71			
L	SSX				000				7A							C							P-		P-			<-		D*		D+				
/		190.00	200.00	10.00	800			DIOR				<<	2	2	3	3		P		<1		85	P*	P*					D*	D-		CC	52			
L	SSX				000				7A							C				<3		30	P.		P-					D*		D*				
/		200.00	210.00	10.00	900			DIOR				<<	2	2	3	3		P		<1		40	P*	P*					D*			CC	52			
L	SSX				025				7A							C				<3		60	P.		P*					D*		D)				
/		210.00	220.00	10.00	200			DIOR										P														CC	52			
L	SSX				000				7A																							D*				
R		210.00	220.00		CORE CRUMBLY MAY BE FAULT?																																
/		220.00	230.00	10.00	600			DIOR										P											D*			CC	52			
L	SSX				000				7A																					D*		D*				
R		220.00	230.00		CORE CRUMBLED																																
/		230.00	240.00	10.00	800			DIOR				<<	2	2	3	3		P		<1		50	P-	P*					D*	D-		CC	52			
L	SSX				000				7A							C							P-		P-	D-				D*		D*			<-	
/		240.00	250.00	10.00	200			DIOR										P														CC				
L	SSX				000				7A																							D*				

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV RQD	MD % AGE	ROCK EV	TM RQ	IN LC	QM1 TM	QM2	TX	TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID	AZM	DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
R		240.00	250.00			POOR RECOVERY POSSIBLE FAULT?																															
/		250.00	260.00	10.00	100		DIOR												P													CC					
L	SSX				000			7A																							D*	D*					
R		250.00	260.00			POSSIBLE FAULT LOST CORE																															
/		260.00	270.00	10.00	800		DIOR					<<	2	2	3	3			P	<1		60	P*	P+		D-		P*			CC	82			
L	SSX				000			7A								C							P-		P*					D*	D*				
R		260.00	270.00			CORE CRUMBLY-POSSIBLE FAULT																															
/		270.00	280.00	10.00	800		DIOR					<<	2	2	3	3			P	<1		40	P*	P+		D-		P*	D-		CC	82			
L	SSX				000			7A								C				<1		65	P-		P(					D)	D)				
R		270.00	280.00			CORE CRUMBLED																															
/		280.00	290.00	10.00	600		DIOR					<<	2	2	2	3			P	<1		45	P*	P+		D-		P*	D,		CC	82			
L	SSX				000			7A								C								P-					D7	D)				
R		280.00	290.00			CORE CRUMBLED																															
/		290.00	300.00	10.00	200		DIOR												P				P*	P+		D-		P*	D-		CC	82			
L	SSX				000			7A																	P-					D-	D)				
R		290.00	300.00			CORE CRUMBLED																															
/		300.00	310.00	10.00	400		DIOR												P				P*	P-				D*	D-		CC	82			
L	SSX				000																				P*	D-				D-	D)				
R		300.00	310.00			CORE CRUMBLED																															
/		310.00	320.00	10.00	300		DIOR												P				P*					D-	D-							
L	SSX				000																									D-						
R		310.00	320.00			CORE VERY CRUMBLY																															
/		320.00	330.00	10.00	200		DIOR												P									D-	D-		CC				
L	SSX				000			7A																					D-	D,				
R		320.00	330.00			CORE CRUMBLED FAULT ZONE?																															
/		330.00	340.00	10.00	000		DIOR												P									D-	D-		CC				
L	SSX				000			7A																					D-	D.				
R		330.00	340.00			POSSIBLE FAULT?																															
/		340.00	350.00	10.00	100		DIOR												P																	
L	SSX				000			7A																												
R		340.00	350.00			FAULT? POOR RECOVERY																															

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK EV	TM RQ	TM LC	QM1 TM	TX QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		350.00	360.00	10.00	700		DIOR											P																	
L	HYP				000				7A							C																			
/	CNT	356.00	357.00	1.00		X	HORN	BI			<<	2	2	2	3		R		<3		40	P*	P+			D-		D-	D-		72			
L	HYP								7A							C				<3		55			P*				D-					
R		356.00	357.00		CORE CRUMBLED FROM 350FT TO 355FT. HORN W QZ FLOODING																															
/	CNT	360.00	370.00	10.00	1000		HORN				<<	2	2	2	3		P		<3		45	P*	P=			D-		D-	D-		72			
L	HYP				0250				7A							C				<3		55		P,	P+				D(					
R		360.00	370.00		CORE HAS SECTIONS OF HORN VOLC W DIOR-MAYBE XENOLITH																															
/		370.00	380.00	10.00	1000		HORN				<<	2	2	3	3		P		<3		50	P+	P+			D-		D*	D-		82			
L	HYP				170				7A							C				<3		78	P-	P-	P*				D*					
R		370.00	380.00		CORE HAS SECTIONS OF DIOR AND HORN VOLCS.HORN MAY BE XENOLITH																															
/		380.00	388.00	8.00	1000		HORN				<<	2	2	3	3		P		<3		35	P*	P+			D-	FL	D*	D-	PB	82			
L	HYP				170				7A							C								P*			<(		D*	<(				
/	CNT	388.00	390.00	2.00			DIOR				<<	2	2	3	3		P		<3		25	P+	P+			D,		D*							
L	HYP								7A							C								P*					D*					
R		388.00	390.00		HORN MAY BE XENOLITH																															
/		390.00	400.00	10.00	1000		DIOR				<<	2	2	2	3		P		<3		85	P+	P+			D-	FL	D*	D-		82			
L	HYP				170				7A							C				<3		70	P-		P*			<=		D*				<-
R		390.00	400.00		AT 404FTPOSSIBLE FAULT FOR 2FT																															
/		400.00	410.00	10.00	900		DIOR				<<	2	2	2	3		P		<3		60	P*	P+			D-		D*	D-		82			
L	HYP				170				7A							C				<3		78	P-	P,	P-				D*					
/		.00	.00	.00	900		DIOR				<<	2	2	2	3		P		<3		60	P*	P+			D-		D+	D-		82			
L	FLT				170				7A							C				<3		78	P-	P,	P-				D*					
/		410.00	420.00	10.00	1000		DIOR				<<	2	2	2	3		P		<3		85	P=	P+			D-		D*	D*		83			
L	HYP				220				7A							C				<3		70	P*		P)				D*					
/		420.00	430.00	10.00	1000		DIOR				<<	2	2	2	3		P		<0		70	P+	P+			D-		D*	D*		83			
L	HYP				220				7A							C				<1		50	P*		P)				D*					
/		430.00	440.00	10.00	1000		DIOR				<<	2	2	2	3		P		<1		25	P+	P+			D-	FL	D*	D*		83			
L	HYP				220				7A							C				<3		40	P*	P-	P+			<=		D(				
/		440.00	450.00	10.00	1000		DIOR				<<	2	2	2	3		P		>3		60	P+	P+			D-		D*	D*		83			
L	HYP				220				7A							C				<3		70	P-	P-	P+				D*					
/		450.00	460.00	10.00	1000		DIOR				<<	2	2	2	3		P		<3		40	P)	P+					D*	D*		83			
L	HYP				220				7A							C				<1		70	P-	P-	P)				D*					<1

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R G D	MD % -- -	ROCK ---- AGE	TM -- EV	TM -- RG	QM1 --- LC	TX -- TM	TX -- QM2	F - - S	C - R	% - S	M - O	TFDM ---- SML	RI ---	1 - 2	ID -- ID	AZM --- AZM	DIP --- DIP	QZ -- KF	BI -- MU	CY -- CL	CB -- EP	MG -- HE	XX --	PY -- MV	CP -- MO	GL -- SL	YY --	F -	I -	Z -	I -
R		450.00	460.00		AT 459FT MINOR HORN VOLC. FRAGMENTS																															
/		460.00	470.00	10.00	1000		DIOR				<<	2	2	2	3		P		<3		85	P*	P+			D,	FL	D*	D*		83				
L	HYP				220				7A						C				<3		45	P-	P-	P*			<-		D*					<-	
/		470.00	480.00	10.00	1000		DIOR				<<	2	2	2	3		P		<3		30	P*	P+			D-		D*	D*		83				
L	HYP				220				7A						C				<1		45	P-	P-	P*					D(						
/		480.00	490.00	10.00	1000		DIOR				<<	2	2	2	3		P		<3		75	P)	P+			D-		D*	D*		83				
L	HYP				220				7A						C				<1		10	P-	P-	P*					D*					<-	
/		490.00	500.00	10.00	1000		DIOR					2	2	2	3		P		<3		50	P+	P+		D-	D-		D)	D*		83				
L	HYP				220				7A						C				<3		75	P-	P-	P*					D*					<-	

A	UMM				% CU	% MOS2	PPMAG
A	004	30.00	40.00	62469	0.04	0.003	5.
A	004	40.00	50.00	62470	0.05	0.005	4.
A	004	50.00	60.00	62471	0.06	0.010	3.
A	004	60.00	70.00	62472	0.05	0.068	5.
A	004	70.00	80.00	62473	0.09	0.065	4.
A	004	80.00	90.00	62474	0.08	0.035	3.
A	004	90.00	100.00	62475	0.15	0.055	3.
A	004	100.00	110.00	62476	0.28	0.030	4.
A	004	110.00	120.00	62477	0.52	0.057	4.
A	004	120.00	130.00	62478	0.59	0.090	6.
A	004	130.00	140.00	62479	0.53	0.057	6.
A	004	140.00	150.00	62480	0.38	0.045	5.
A	004	150.00	160.00	62481	0.48	0.023	7.
A	004	160.00	170.00	62482	0.74	0.065	6.
A	004	170.00	180.00	62483	0.53	0.090	4.
A	004	180.00	190.00	62484	0.44	0.053	6.
A	004	190.00	200.00	62485	0.47	0.053	4.
A	004	200.00	210.00	62486	0.50	0.097	4.
A	004	210.00	220.00	62487	0.56	0.175	5.
A	004	220.00	230.00	62488	0.51	0.042	4.
A	004	230.00	240.00	62489	0.46	0.077	5.
A	004	240.00	250.00	62490	0.45	0.170	5.
A	004	250.00	260.00	62491	0.42	0.765	4.
A	004	260.00	270.00	62492	0.43	0.068	5.
A	004	270.00	280.00	62493	0.43	0.072	5.
A	004	280.00	290.00	62494	0.45	0.058	4.
R	ASY	290.00	300.00	62495	NO CORE		
A	004	300.00	310.00	62496	0.36	0.089	6.
A	004	310.00	320.00	62497	0.28	0.050	8.
A	004	320.00	330.00	62498	0.50	0.063	18.
R	ASY	330.00	340.00	62499	NO CORE		
A	004	340.00	350.00	62500	0.32	0.037	5.
A	004	350.00	360.00	64801	0.32	0.144	9.
R	ASY	360.00	370.00	64802	NO CORE		
A	004	370.00	380.00	64803	0.34	0.160	10.
A	004	380.00	390.00	64804	0.30	0.100	6.
A	004	390.00	400.00	64805	0.36	0.112	5.
A	004	400.00	410.00	64806	0.44	0.124	11.
A	004	410.00	420.00	64807	0.58	0.257	8.
A	004	420.00	430.00	64808	0.47	0.179	6.
A	004	430.00	440.00	64809	0.37	0.073	7.
A	004	440.00	450.00	64810	0.31	0.050	5.
A	004	450.00	460.00	64811	0.53	0.140	7.
A	004	460.00	470.00	64812	0.48	0.045	7.
A	004	470.00	480.00	64813	0.38	0.160	7.
A	004	480.00	490.00	B64814	0.32	0.084	6.
A	004	490.00	500.00	B64815	0.31	0.150	11.

G E O L O G E D I T L I S T I N G

DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6802

DRILLHOLE/TRAVERSE :BRGDH134 | COLLAR ELEVATION: 5700.00 | AZIMUTH(DEG) : .00 | GEOLOGGED BY : LRS +
TOTAL DEPTH/LENGTH : 375.00 | NORTHING(- IF S): 19670.00 | VERTICAL ANGLE : -90.00 | DATE (YY/MM/DD): 800800
CORE/HOLE DIAMETER : | EASTING (- IF W): 11070.00 | CO-ORD SYSTEM : GRD | PROJECT NUMBER : V-139

KEY	FROM	TO	INT	CORE RECOVERY	T-D	%M %I	ROCK TYPE	TYPIFYING TM1	TYPIFYING TM2	QAL MIN MAT QM1	TEXTURES TX1	TEXTURES TX2	GRAIN CHARACS F C	% M A	TOTAL FRAC DEN MI	PGI /RI	STRUCTUR-1 T1	ID	STK AZM	DIP RT	ALTERATION MINS HA QZ	HA BI	HA CY	HA CB	HA MG	ANY MIN XX	ORE-TYPE HA PY	HA CP	HA GL	MINS ANY YY	SUMMARY ALT F	SUMMARY ALT I	SUMMARY ORE Z	SUMMARY ORE I
/ OVB	.00	50.00	50.00				OVER									P																	
L																																	
/	50.00	60.00	10.00	600			DIOR				<<	2 2	2 3			P	<1		40	P-	P-			LI	D*			FM	12			
L SSX				000				7A						C						P-				<)		D-		<-				
/	50.00	60.00	10.00	600			DIOR				<<	2 2	2 3			P	<1		40	P-	P-			LI	D*			CC	12			
L SSX				000				7A						C						P-				<)		D-		D-				
R	50.00	60.00		CORE VERY CRUMBLED																													
/	60.00	70.00	10.00	800			DIOR				<<	2 2	2 3			P	<1		35	P-	P-			LI	D*			FM	12			
L SSX				000				7A						C						P-				<)		D-		<-				
/	60.00	70.00	10.00	800			DIOR				<<	2 2	2 3			P	<1		35	P-	P-			LI	D*			CC	12			
L SSX				000				7A						C						P-				<)		D-		D-				
R	60.00	70.00		CORE VERY CRUMBLED																													
/	70.00	80.00	10.00	800			DIOR				<<	2 2	2 3			P	<1		40	P-	P-			LI	D-			CC	12			
L SSX				000				7A						C						P-				<)		D-		D-				
/	70.00	80.00	10.00	800			DIOR				<<	2 2	2 3			P	<1		40	P-	P-			LI	D-			FM	12			
L				000				7A						C						P-				<)		D-		<*				
/	80.00	90.00	10.00	500			DIOR				<<	2 2	2 3			P	<1		60	P-	P-			LI	D-			CC	12			
L SSX				000				7A						C						P-				<(				D-				
/	90.00	100.00	10.00	300			DIOR									P								LI	D-	D-		CC	?			
L SSX				000				7A																<-		D-		D-				
R	90.00	175.00		CORE VERY CRUMBLED																													

KEY	FROM	TO	INT	ROCK QUAL DESIG	FM AGE	RT EN- VIR	Q	TM QM2 LC- COL	TX 3	TX 4	S R	R D	S O P	O N H C	H / C	S M L	T 2	ID	STK AZM	DIP RT	STRUCTUR-2 KF H A	MU H A	CL H A	EP H A	HE H A	MV H A	MO H A	SL H A	H A	1 2	1 2
/ OVB	.00	50.00	50.00			OVER																										
L																																
/	50.00	60.00	10.00	600		DIOR				<<	2	2	2	3																		
L SSX				000				7A						C																		
/	50.00	60.00	10.00	600		DIOR				<<	2	2	2	3																		
L SSX				000				7A						C																		
R	50.00	60.00		CORE VERY CRUMBLED																												
/	60.00	70.00	10.00	800		DIOR				<<	2	2	2	3																		
L SSX				000				7A						C																		
/	60.00	70.00	10.00	800		DIOR				<<	2	2	2	3																		
L SSX				000				7A						C																		
R	60.00	70.00		CORE VERY CRUMBLED																												
/	70.00	80.00	10.00	800		DIOR				<<	2	2	2	3																		
L SSX				000				7A						C																		
/	70.00	80.00	10.00	800		DIOR				<<	2	2	2	3																		
L				000				7A						C																		
/	80.00	90.00	10.00	500		DIOR				<<	2	2	2	3																		
L SSX				000				7A						C																		
/	90.00	100.00	10.00	300		DIOR																										
L SSX				000				7A																								
R	90.00	175.00		CORE VERY CRUMBLED																												

K E Y	F -L- G	F R O M - ----.--	T O - ----.--	I N T ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK FV	TM RQ	TM LC	TM QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID	AZM	DIP	QZ	BI	CY	CB	MG	XX	PY MV	CP MO	GL SL	YY	F I Z I
/		100.00	110.00	10.00	300		DIOR										P										LI	D-	D.		CC	
L	SSX				000				7A																		<-		D.		D-	
R		100.00	110.00		CORE VERY CRUMBLED																											
/		110.00	120.00	10.00	300		DIOR										P										LI	D-			CC	
L	SSX				000				7A																		<-				D-	
R		110.00	120.00		CORE VERY CRUMBLED																											
/		120.00	130.00	10.00	400		DIOR										P										LI	D-			CC	
L	SSX				000				7A																		<-				D-	
R		120.00	130.00		CORE VERY CRUMBLED																											
/		130.00	140.00	10.00	400		DIOR										P										LI	D-			CC	
L	SSX				000				7A																		<-		D-		D-	
/		140.00	150.00	10.00	300		DIOR										P										LI	D-			CC	
L	SSX				000				7A																		<-		D-		D-	
/		150.00	160.00	10.00	500		DIOR				<<	2	2	2	3		P		<3		40	P-	P+				LI	D-			CC	12
L	SSX				000				7A						C												<*		D-		D*	
/		160.00	170.00	10.00	700		DIOR				<<	2	2	2	3		P		<3		40	P-	P+				LI	D-	D-		CC	12
L	SSX				000				7A						C												<-		D*		D*	
/		.00	.00	.00	700		DIOR				<<	2	2	2	3		P		<3		40	P-	P+				LI	D-	D-		FM	12
L	SSX				000				7A						C												<-		D*		D-	
/		170.00	180.00	10.00	700		DIOR				<<	2	2	2	3		P		<3		35	P-	P+				LI	D-			CC	12
L	SSX				000				7A						C								P-				<-		D*		D*	
/		180.00	190.00	10.00	700		DIOR				<<	2	2	2	3		P		<3		20	P*	P+			D-	LI	D(	D.		CC	12
L	SSX				000				7A						C								P-	P-			<-		D*		D*	
R		180.00	220.00		CORE CRUMBLED																											
/		190.00	200.00	10.00	800		DIOR				<<	2	2	2	3		P		<3		85	P*	P+			D-		D)			CC	
L	SSX				000				7A						C				<1		70		P-	P-					D*		D*	
/		200.00	210.00	10.00	700		DIOR				<<	2	2	2	3		P		<3		65	P*	P+			D-		D)			CC	12
L	SSX				000				7A						C		P		<1					P-					D*		D*	
/		210.00	220.00	10.00	700		DIOR				<<	2	2	2	3		P		<3		50	P*	P+			D-		D*	D-		CC	71
L	SSX				000				7A						C							P.	P-	P(					D*		D*	
/		220.00	230.00	10.00	500		DIOR				<<	2	2	2	3		P		<3		40	P*	P+			D-		D*	D.		CC	72
L	SSX				000				7A						C				<1		55	P-	P-	P(					D*		D(	
/		230.00	240.00	10.00	500		DIOR				<<	2	2	2	3		P		<3		25	P*	P+				LI	D*			CC	73
L	SSX				000				7A						C				<3		40	P-	P-	P*			<-		D*		D(	

KEY	F -LOG	FROM -	TO -	INT	RECOV RQD	MD % AGE	ROCK EV	TM LC	TM QM1 QM2	TX TX	F C % M S R S O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		240.00	250.00	10.00	800		DIOR			<<	2 2 2 2 3		P		<3		40	P+	P+					D*	D.		CC	73			
L	SSX				000			7A			C				<3		55	P-	P-	P*					D*		D(				
/		250.00	260.00	10.00	700		DIOR			<<	2 2 2 2 3		P		<3		85	P)	P+		D.			D*	D-		CC	73			
L	SSX				000			7A			C							P.	P.	P*					D*		D(				
/		260.00	270.00	10.00	800		DIOR			<<	2 2 2 2 3		P		<3		50	P)	P+		D-			D*	D.		CC	73			
L	SSX				000			7A			C							P.	P.	P*					D*		D(				
/		270.00	280.00	10.00	800		DIOR			<<	2 2 2 2 3		P		<3		60	P*	P+		D-			D*	D-		CC	72			
L	SSX				025			7A			C				<3		85	P-	P.	P*					D*		D*				
R		270.00	375.00		CORE VERY CRUMBLED																										
/		280.00	290.00	10.00	700		DIOR			<<	2 2 2 2 3		P		<3		80	P*	P+		D.	LI	D*	D-		CC	73			
L	SSX				025			7A			C				<1		90	P.	P.	P*		<-			D*		D)				
/		290.00	300.00	10.00	700		DIOR			<<	2 2 2 2 3		P		<3		70	P*	P+			LI	D*				CC	73			
L	SSX				025			7A			C							P.	P.	P*		<-			D)		D*				
/		300.00	310.00	10.00	600		DIOR			<<	2 2 2 2 3		P		<3		40	P*	P+			LI	D*				CC	73			
L	SSX				000			7A			C									P-		<-			D*		D)				
/		310.00	320.00	10.00	800		DIOR			<<	2 2 2 2 3		P		<3		30	P*	P+			LI	D)				CC	73			
L	SSX				025			7A			C							P.	P.	P-		<-			D*		D)				
/		320.00	330.00	10.00	700		DIOR			<<	2 2 2 2 3		P		<1		60	P*	P+			LI	D)				CC	73			
L	SSX				025			7A			C				<3		25	P.	P.	P-		<-			D*		D)				
/		330.00	340.00	10.00	700		DIOR			<<	2 2 2 2 3		P		<1		60	P*	P+		D.			D*	D.		CC	73			
L	SSX				000			7A			C							P.	P.	P-					D*		D)				
/		340.00	350.00	10.00	500		DIOR			<<	2 2 2 2 3		P		<1		70	P*	P+		D.			D*	D.		CC	73			
L	SSX				000			7A			C							P.	P.	P-						D*		D)				
/		350.00	360.00	10.00	200		DIOR			<<	2 2 2 2 3		P											D*	D.		CC				
L	SSX				000			7A			C														D*		D)				
/		360.00	370.00	10.00	100		DIOR						P											D*	D.		CC				
L	SSX				000			7A																	D*		D)				
/		370.00	375.00	5.00			LOST						P																		
L	SSX																														
R		370.00	375.00		END OF HOLE		LOST	CORE 368 FT TO 375 FT.																							

A	UMM				% CU	% MO	PPMAG
A	004	50.00	60.00	A64814	0.04	0.015	6.
A	004	60.00	70.00	64826	0.03	0.013	5.
A	004	70.00	80.00	A64815	0.04	0.007	6.
A	004	80.00	90.00	64816	0.04	0.007	5.
A	004	90.00	100.00	64817	0.05	0.010	6.
A	004	100.00	110.00	64818	0.04	0.010	6.
A	004	110.00	120.00	64819	0.04	0.013	4.
A	004	120.00	130.00	64820	0.04	0.022	9.
A	004	130.00	140.00	64821	0.05	0.010	3.
A	004	140.00	150.00	64822	0.10	0.058	4.
A	004	150.00	160.00	64823	0.16	0.200	5.
A	004	160.00	170.00	64824	0.12	0.102	4.
A	004	170.00	180.00	64825	0.35	0.073	5.
A	004	180.00	190.00	64827	0.38	0.336	7.
A	004	190.00	200.00	64828	0.29	0.199	6.
A	004	200.00	210.00	64829	0.44	0.142	8.
A	004	210.00	220.00	64830	0.71	0.105	10.
A	004	220.00	230.00	64831	0.51	0.142	7.
A	004	230.00	240.00	64832	0.60	0.169	6.
A	004	240.00	250.00	64833	0.47	0.240	5.
A	004	250.00	260.00	64834	0.41	0.087	5.
A	004	260.00	270.00	64835	0.47	0.142	6.
A	004	270.00	280.00	64836	0.40	0.075	6.
A	004	280.00	290.00	64837	0.56	0.152	5.
A	004	290.00	300.00	64838	0.52	0.307	6.
A	004	300.00	310.00	64839	0.65	0.249	7.
A	004	310.00	320.00	64840	0.50	0.114	10.
A	004	320.00	330.00	64841	0.41	0.311	5.
A	004	330.00	340.00	64842	0.40	0.142	6.
A	004	340.00	350.00	64843	0.40	0.194	6.
A	004	350.00	360.00	64844	0.71	0.082	7.
A	004	360.00	370.00	64845	0.69	0.047	7.
A	004	370.00	375.00	64846	0.67	0.070	7.

G E O L O G E D I T L I S T I N G DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6802

DRILLHOLE/TRAVERSE :BRGDH135 COLLAR ELEVATION: 5800.00 AZIMUTH(DEG) : .00 GEOLOGGED BY : LRS +
TOTAL DEPTH/LENGTH : 494.00 NORTHING(- IF S): 20480.00 VERTICAL ANGLE : -90.00 DATE (YY/MM/DD): 800000
CORE/HOLE DIAMETER : EASTING (- IF W): 11180.00 CO-ORD SYSTEM : GRD PROJECT NUMBER : V-139

KEY	FLAG	FROM - INTERVAL (UNITS = (MT=METRIC FT=FOOTRIC) DEC.PLACE)	FROM	TO	INT	CORE RECOV- ERY (.)	T- M O D	% M I X	ROCK TYPE	TYPI- FYING TM 1	TM 2	QAL MIN MAT QM1	TEX- TURES TX 1	TX 2	GRAIN CHARACS F	C	%	M	TOTAL FRAC DEN	/RI MI	PGI T 1	STRUCTUR-1 ID	STK	DIP AZM	RT	ALTERATION MINS H A QZ	H A BI	H A CY	H A CB	H A MG	ORE-TYPE MINS H ANY XX	H A PY	H A CP	H A GL	H ANY YY	SUMMARY ALT F	I	ORE Z	I
	/ OVB		.00	50.00	50.00				OVER											P																		
	L																																					
	/ CAP		50.00	60.00	10.00	500			DIOR				<<	2	2	2	3		P	<1	60	P-	P-					LI	D*		FM	12		
	L					000				7Y							C						P.					≤*		D,	D*					
	/		50.00	60.00	10.00	500			DIOR				<<	2	2	2	3		P	<1	60	P-	P-					LI	D*		CC	12		
	L	SSX				000				7Y							C						P.					≤*		D,	D-					
	R		50.00	60.00		PERVASIVE JAROSITE LIMONITE																															
	/ CAP		60.00	70.00	10.00	300			DIOR				<<	2	2	2	3		P	<3	40					D-	LI	D*		FM	12		
	L					000				7Y							C											≤*		D-	D*					
	/		60.00	70.00	10.00	300			DIOR				<<	2	2	2	3		P	<3	40					D-	LI	D*		CC	12		
	L	SSX				000				7Y							C											≤*		D-	D-					
	/		70.00	80.00	10.00	700			DIOR				<<	2	2	2	3		P	<1	60	P-	P-			D-	LI	D(		FM	12		
	L	SSX				000				7Y							C											≤*		D-	D-					
	/		70.00	80.00	10.00	700			DIOR				<<	2	2	2	3		P	<1	60	P-	P-			D-	LI	D(		CC	12		
	L	SSX				000				7Y							C											≤*		D-	D-					
	/		80.00	90.00	10.00	700			DIOR				<<	2	2	2	3		P	<1	75	P*	P(			D-	LI	D(		CC			
	L	SSX				000				7Y							C											<-		D-	D*					
	/		90.00	100.00	10.00	600			DIOR				<<	2	2	2	3		P	<1	60	P*	P-						D*		CC	21		
	L	SSX				000				7A							C			<1	35		P.							D*	D*					
	/		100.00	110.00	10.00	500			DIOR				<<	2	2	2	3		P	<1	20	P)	P-						D*		CC	51		
	L	SSX				000				7A							C			<1	50		P*							D-	D)					

KEY	FLAG	FROM	TO	INT	ROCK QUAL DESIG	FM AGE	RT EN- VIR	Q	LC- COL	TM 3	QM2	TX 3	TX 4	S R	R D	S P	O N	H C	S / L	M	T 2	STRUCTUR-2 ID	STK	DIP AZM	RT	ALTERATION MINS KF H A	MU H A	CL H A	EP H A	HE H A	ORE-TYPE MINS MV H A	MO H A	SL H A	H A	SUMMARY 1	2	1	2
K	F				ROCK	FM	RT		TM		QM2	TX	TX	S	R	S	O	S			T	ID	STK	DIP	KF	MU	CL	EP	HE	MV	MO	SL				
E	L				QUAL	AGE	EN-	Q	LC-	3		3	4	O	N	H	/		M		2		AZM	RT	H	H	H	H	H	H	H	H	H	1		1	
Y	G				DESIG		VIR		COL					R	D	P	C		L			STRUCTUR-2				A	A	A	A	A	A	A	A	A	2		2	

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV RQD	MD % AGE	ROCK EV	TM TM	QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		110.00	120.00	10.00	700		DIOR			<<	2	2	2	3		P		<1		20	P)	P-				D)			CC	51		
L	SSX				000			7A						C							P.	P.	P-					D*		D+			
/		120.00	130.00	10.00	1000		DIOR			<<	2	2	2	3		P		<1		25	P)	P-				D)			CC	51		
L	SSX				000			7A						C				<3		35	P.	P.	P-					D*		D+			
R		120.00	130.00		INCLUSIONS OF HORN VOLC?																													
/		130.00	140.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		40	P*	P+				D*			CC	51		
L	SSX				000			7A						C							P.	P.	P-					D*		D)			
R		130.00	140.00		CORE VERY BROKEN																													
/		140.00	150.00	10.00	700		DIOR			<<	2	2	2	3		P		<1		60	P*	P+				D-			CC	71		
L	SSX				000			7A						C							P.	P.	P-					D-		D)		D-	
R		140.00	150.00		CORE VERY BROKEN																													
/		150.00	160.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		50	P*	P=		D.		D)	D-		CC	72		
L	SSX				025			7A						C							P-	P.	P.					D*		D)			
/		160.00	170.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		85	P(	P=				D)	D-		CC	72		
L	SSX				025			7A						C							P.	P.	P.					D-		D+			
/		170.00	180.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		70	P(	P=				D)	D-		CC	72		
L	SSX				025			7A						C								P.	P.					D-		D+			
/		180.00	190.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		75	P(	P=				D)	D-		CC	72		
L	SSX				025			7A						C								P.	P.					D-		D+			
/		190.00	200.00	10.00	800		DIOR			<<	2	2	2	3		P		<1		60	P(	P)				D*	D.		CC	72		
L	SSX				025			7A						C							P.	P.	P.					D(		D+		D*	
/		200.00	210.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		75	P(	P)				D*	D.		CC	72		
L	SSX				000			7A						C							P.	P.	P-					D(		D+		D*	
/		210.00	220.00	10.00	1000		DIOR			<<	2	2	2	3		P		<1		60	P*	P+				D*	D.		CC	72		
L	SSX				150			7A						C							P.	P.	P*					D-		D+		D*	
/		220.00	230.00	10.00	900		DIOR			<<	2	2	2	3		P		<3		25	P*	P+				D*	D.		CC	72		
L	SSX				075			7A						C				<1		70	P.	P.	P*	D(				D-		D+		D*	
/		230.00	240.00	10.00	800		DIOR			<<	2	2	2	3		P		<3		25	P(	P=				D*	D.		CC	72		
L	SSX				075			7A						C				<1		50	P.	P.	P(	D(				D-		D+		D*	
/		240.00	250.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		30	P(	P=		D-		D)	D.		CC	72		
L	SSX				075			7A						C							P.	P.	P(					D-		D)		D*	
/		250.00	260.00	10.00	900		DIOR			<<	2	2	2	3		P		<1		50	P(	P=		D-		D)	D.		CC	72		
L	SSX				050			7A						C							P.	P.	P(					D-		D+		D*	

KEY	F -L- G	FROM	TO	INT	RECOV R Q D	%D AGE	% EV	ROCK RQ	TM LC	TM	QM1 QM2	TX	TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		260.00	270.00	10.00	900			DIOR				<<	2	2	2	3		P		<1			85	P(	P=			D.		D+			CC	73			
L	SSX				050				7A							C									P.		P(				D*		D)				
/		270.00	280.00	10.00	900			DIOR				<<	2	2	2	3		P		<1			60	P*	P=					D+	D.		CC	73			
L	SSX				025				7A							C									P.	P*					D*		D*			D*	
/		280.00	290.00	10.00	1000			DIOR				<<	2	2	2	3		P		<1			85	P*	P=					D(	D.		CC	73			
L	SSX				075				7A							C							<1	60	P.	P-	P-				D-		D-			D.	
/		290.00	300.00	10.00	1000			DIOR				<<	2	2	2	3		P		<1			50	P*	P=					D*	D-		CC	73			
L	SSX				075				7A							C							<3	70	P.	P.	P.				D*		D*			D.	
R		290.00	300.00		SMALL SECTIONS WITH RAFTED HORN.																																	
/		300.00	310.00	10.00	900			DIOR				<<	2	2	2	3		P		<1			85	P*	P=			D.		D*	D-		CC	73			
L	SSX				050				7A							C							<1	40	P.	P.	P.	D-			D*		D)			D.	
/		310.00	320.00	10.00	900			DIOR				<<	2	2	2	3		P		<1			70	P*	P+			D.	LI	D)	D.		CC	73			
L	SSX				000				7A							C							<1	60	P.	P.	P-	D-	<=		D-		D)			D-	
/	FLT	317.00	318.00	1.00	900			DIOR				<<	2	2	2	3		P		<1			70	P*	P+			D.	LI	D)	D.		CC	73			
/		320.00	330.00	10.00	900			DIOR				<<	2	2	2	3		P		<3			75	P(	P+			D.		D)	D.		CC	73			
L	SSX				075				7A							C							<1	60	P.	P.	P.				D-		D*				
/		330.00	340.00	10.00	800			DIOR				<<	2	2	2	3		P		<1			70	P*	P=			D.		D)	D-		CC	73			
L	SSX				000				7A							C									P.	P.					D-		D*				
/		340.00	350.00	10.00	600			DIOR				<<	2	2	2	3		P		<1			85	P(	P=			D-		D)	D-		CC	73			
L	SSX				000				7A							C									P-	P.					D-		D-				
R		340.00	350.00		CORE VERY CRUMBLED																																	
/		350.00	360.00	10.00	800			DIOR				<<	2	2	2	3		P		<1			80	P(	P=			D-		D)	D.		CC	73			
L	SSX				000				7A							C									P-	P.					D-		D-				
/		360.00	370.00	10.00	1000			DIOR				<<	2	2	2	3		P		<1			80	P-	P=			D-		D)	D.		CC	73			
L	SSX				050				7A							C							<1	65		P-	P.					D-		D*				
/		370.00	380.00	10.00	1000			DIOR				<<	2	2	2	3		P		<1			60	P-	P=			D.		D)	D.		CC	73			
L	SSX				000				7A							C							<1	85		P.	P-					D-		D*			D-	
/		380.00	390.00	10.00	1000			DIOR				<<	2	2	2	3		P		<1			85	P-	P=			D.		D)	D.		CC	73			
L	SSX				000				7A							C							<1	80		P.	P.					D-		D*			D.	
/		390.00	400.00	10.00	1000			DIOR			<<	22	23					P		<1			30	P*	P=					D)	D-		CC	72			
L	SSX				000				7A				C							<1			25		P.	P+					D-		D-				
/		400.00	410.00	10.00	900			DIOR			<<	22	23					P		<3			45	P(	P=			D.		D)	D-		CC	72			
L	SSX				000				7A				C							<1			70		P.	P-					D-		D*				

K E Y	F -L- G	F R O M -	T O -	I N T	RECOV R Q D	MD % AGE	ROCK FV	TM RQ	TM LC	QM1 TM	QM2	TX TX	F C S	Y R	M S	TFDM O	SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		410.00	420.00	10.00	800		DIOR			<<	22	23						P		<3		90	P(	P=				LI	D)	D.		72			
L	SSX				000				7A			C								<1		75			P-		D-	<-		D-					
R		410.00	420.00		CORE CRUMBLED																														
/		420.00	430.00	10.00	900		DIOR			<<	22	23						P		<1		90	P*	P=					D)			72			
L	SSX				000				7A			C								<1		75		P.	P*					D-					
/		430.00	440.00	10.00	800		DIOR			<<	22	23						P		<1		80	P*	P=				LI	D)		CU	72			
L	SSX				000				7A			C								<1		70		P.	P-			<-		D-	D.				
/		430.00	440.00	10.00	800		DIOR			<<	22	23						P		<1		80	P*	P=				LI	D)		CC	72			
L					000				7A			C								<1		70		P,	P-			<-		D-	D+				
/		440.00	450.00	10.00	800		DIOR			<<	22	23						P		<1		80	P*	P=	P-			LI	D+		CU	72			
L	SSX				000				7A			C												P.	P-			<-		D-	D-				
/		440.00	450.00	10.00	800		DIOR			<<	22	23						P		<1		80	P*	P=	P-			LI	D+		CC	72			
L					000				7A			C												P.	P-			<-		D-	D+				
/		450.00	460.00	10.00	1000		DIOR					<<	2	2	2	3		P		<1		50	P*	P+	P-			LI	D+	D.	CC	72			
L	SSX				025				7A							C				<1		85	P.	P.	P-			D*		D-	D+				
/		460.00	470.00	10.00	900		DIOR					<<	2	2	2	3		P		<1		60	P*	P+	P-			LI	D+	D.	CC	72			
L	SSX				025				7A							C				<1		75		P.	P.			D*		D-	D+				
/		470.00	480.00	10.00	900		DIOR					<<	2	2	2	3		P		<1		65	P*	P+				LI	D+		CC	72			
L	SSX				000				7A							C								P.	P.			D*		D-	D+				
/		480.00	490.00	10.00	900		DIOR					<<	2	2	2	3		P		<1		90	P*	P+			D-	LI	D+	D.	CC	72			
L	SSX				000				7A							C								P.	P.			D-		D-	D+				
/		490.00	494.00	4.00	400		DIOR					<<	2	2	2	3		P		<1		80	P*	P+			D.		D)		CC	72			
L	SSX				025				7A							C				<1		70	P.	P.	P-					D-	D)				
R		490.00	494.00		END HOLE 494 FT DUE TO 50 FT LOST CASING																														

A	UMM				% CU	% MO	PPMAG
A	004	50.00	60.00	64847	0.04	0.002	4.
A	004	60.00	70.00	64848	0.07	0.003	4.
A	004	70.00	80.00	64849	0.23	0.010	5.
A	004	80.00	90.00	64850	0.51	0.023	5.
A	004	90.00	100.00	64851	0.35	0.015	4.
A	004	100.00	110.00	64852	0.42	0.015	4.
A	004	110.00	120.00	64853	0.22	0.013	3.
A	004	120.00	130.00	64854	0.28	0.015	4.
A	004	130.00	140.00	64855	0.42	0.010	4.
A	004	140.00	150.00	64856	0.46	0.017	4.
A	004	150.00	160.00	64857	0.49	0.010	5.
A	004	160.00	170.00	64858	0.41	0.005	4.
A	004	170.00	180.00	64859	0.62	0.013	6.
A	004	180.00	190.00	64860	0.38	0.007	5.
A	004	190.00	200.00	64861	0.36	0.007	4.
A	004	200.00	210.00	64862	0.55	0.010	6.
A	004	210.00	220.00	64863	0.54	0.020	5.
A	004	220.00	230.00	64864	0.42	0.025	4.
A	004	230.00	240.00	64865	0.39	0.023	4.
A	004	240.00	250.00	64866	0.62	0.037	11.
A	004	250.00	260.00	64867	0.40	0.022	4.
A	004	260.00	270.00	64868	0.39	0.022	4.
A	004	270.00	280.00	64869	0.40	0.010	4.
A	004	280.00	290.00	64870	0.36	0.010	3.
A	004	290.00	300.00	64871	0.38	0.030	4.
A	004	300.00	310.00	64872	0.40	0.010	3.
A	004	310.00	320.00	64873	0.29	0.012	3.
A	004	320.00	330.00	64874	0.32	0.007	4.
A	004	330.00	340.00	64875	0.31	0.015	3.
A	004	340.00	350.00	64876	0.39	0.015	3.
A	004	350.00	360.00	64877	0.29	0.012	4.
A	004	360.00	370.00	64878	0.34	0.013	5.
A	004	370.00	380.00	64879	0.37	0.013	4.
A	004	380.00	390.00	64880	0.26	0.025	4.
A	004	390.00	400.00	64881	0.29	0.013	2.
A	004	400.00	410.00	64882	0.28	0.025	2.
A	004	410.00	420.00	64883	0.35	0.047	3.
A	004	420.00	430.00	64991	0.24	0.018	2.
A	004	430.00	440.00	64884	0.31	0.013	3.
A	004	440.00	450.00	64885	0.38	0.023	2.
A	004	450.00	460.00	64886	0.54	0.022	3.
A	004	460.00	470.00	64887	0.58	0.022	34.
A	004	470.00	480.00	64888	0.45	0.020	3.
A	004	480.00	490.00	64889	0.52	0.020	5.
A	004	490.00	494.00	67990	0.35	0.017	2.

G E O L O G E D I T L I S T I N G

DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY B.C

FORMAT VERSION : 6B02

DRILLHOLE/TRAVERSE :BRGDH136 | COLLAR ELEVATION: 5820.00 | AZIMUTH(DEG) : .00 | GEOLOGGED BY : LRS †
TOTAL DEPTH/LENGTH : 400.00 | NORTHING(- IF S): 20350.00 | VERTICAL ANGLE : -90.00 | DATE (YY/MM/DD): 800000
CORE/HOLE DIAMETER : | EASTING (- IF W): 10270.00 | CO-ORD SYSTEM : GRD | PROJECT NUMBER : V-139

K E Y	F L A G	- INTERVAL - (UNITS = . DEC.PLACE) (MT=METRIC FT=FOOTRIC) FROM	TO	INT	CORE RECOV- ERY (.)	T- M O D	% M I X	ROCK TYPE	TYPI- FYING TM 1	TM 2	QAL MIN MAT QM1	TEX- TURES TX 1	TX 2	GRAIN CHARACS F	C	%	M	TOTAL FRAC DEN MI	PGI /RI	T 1	STRUCTUR-1 ID STK AZM	DIP RT	ALTERATION MINS H A QZ	H A BI	H A CY	H A CB	H A MG	ORE-TYPE MINS ANY MIN XX	H A PY	H A CP	H A GL	ANY MIN YY	SUMMARY ALT F	ORE I	Z	I
K E Y	F L A G				ROCK QUAL DESIG	FM AGE	RT EN- VIR	Q	TM LC- COL 3	QM2	TX 3	TX 4	S O R	R N D	H P C	O / L	S M		T 2	STRUCTUR-2 ID STK AZM	DIP RT	H A KF	H A MU	H A CL	H A EP	H A HE	H A	MV H A	MO H A	SL H A	H A	1 2	1 2		
/	OVB	.00	50.00	50.00			OVER											P																	
L																																				
R		.00	50.00		CASING FROM 0 FT TO 50 FT																																
/	CAP	50.00	60.00	10.00	800		HORN					<<	2	2	2	3		P	<1		60	P*	P*	P-		LI	D)		CC	12			
L	CAP				120			7A								C			<1		85			P-		D)		D-	D)					
R		50.00	60.00		ABUNDANT NEOTOCITE																																
/		60.00	70.00	10.00	800		HORN					<<	2	2	2	3		P	<1		85	P*	P*	P-	D*	LI	D)		CC	12			
L	SSX				050			7A								C			<1		75		P-	P-		D)		D-	D*					
/		70.00	80.00	10.00	900		HORN					<<	2	2	2	3		P	<1		75	P*	P*	P-		LI	D)		CC	12			
L	SSX				120			7A								C			<1		85		P-	P-		D*		D-	D*					
/		80.00	90.00	10.00	800		HORN					<<	2	2	2	3		P	<1		70	P*	P*	P.		LI	D)		CC	31			
L	SSX				000			7A								C										D*		D-	D*					
R		80.00	90.00		CORE IS CRUMBLED																																
/		90.00	100.00	10.00	700		HORN					<<	2	2	2	3		P	<1		60	P*	P*	P-		LI	D*		CC	31			
L	SSX				050			7A								C			<1		85		P.		D-	D*		D-	D*					
R		90.00	100.00		CORE CRUMBLED																																
/		100.00	110.00	10.00	700		HORN					<<	2	2	2	3		P	<1		65	P*	P*	P-		LI	D*		CC	31			
L	SSX				000			7A								C			<1		70		P.		D-	D*		D-	D*					
R		100.00	110.00		CORE CRUMBLED MAYBE DUE TO FAULT?OR INTENSE LIMON VEINING																																
/		110.00	120.00	10.00	800		HORN					<<	2	2	2	3		P	<1		75	P*	P*	P.		LI	D*		CC	31			
L	SSX				075			7A								C			<3		20		P.	P.		D)		D-	D*					

KEY	F -L- G	FROM	TO	INT	RECOV RQD	MD % AGE	ROCK EV	TM RQ	TM LC	TM QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI 2	1 ID	AZM	DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX MV	PY MO	CP SL	GL	YY	F	I	Z	I
/		120.00	130.00	10.00	700		HORN				<<	2	2	2	3		P	<1		60	P-	P*	P-		LI	D*				CC	31			
L	SSX				050			7A							C			<1		85		P.	P.		D)		D-			D-				
/		130.00	140.00	10.00	900		HORN				<<	2	2	2	3		P	<1		20	P-	P*	P-	D-	LI	D*				CC				
L	SSX				050			7A							C			<1		70		P.			D)		D-			D*				
/		140.00	150.00	10.00	900		HORN				<<	2	2	2	3		P	<1		50	P-	P*	P-		LI	D*				CC				
L	SSX				050			7A							C			<1		40		P.			D*		D-			D*				
/		150.00	160.00	10.00	900		HORN				<<	2	2	2	3		P	<1		30	P*	P*	P*	D*	D-	LI	D*	D.		CC	71			
L	SSX				025			7A							C			<1		55		P.			D-	D.		D-		D*				
R		150.00	160.00		JAROSITE AND LIMONITE PRESENT																													
/		160.00	170.00	10.00	900		HORN				<<	2	2	2	3		P	<1		30	P*	P)	P-	D.	D-	LI	D*	D.		CC	71			
L	SSX				075			7A							C			<3		40			P*			D.		D-		D-				
/		170.00	180.00	10.00	900		HORN				<<	2	2	2	3		P	<1		80	P*	P)	P.		D-		D*	D.		CC	72			
L	SSX				150			7A							C			<3		40			P-					D-		D-				
/		180.00	190.00	10.00	1000		HORN				<<	2	2	2	3		P	<1		70	P(| P)			D.	LI	D*	D.		CC	72			
L	SSX				120			7A							C			<		80			P-		D.	D.		D-		D-				
/		190.00	200.00	10.00	1000		HORN				<<	2	2	2	3		P	<1		80	P)	P)		D*	D.	LI	D*	D.		CC	72			
L	SSX				120			7A							C			<3		85		P.	P*			D.		D-		D-				
/		199.00	200.00	1.00		X	BRXX										R																
L	SSX																																
R		199.00	200.00		FAULT BRXX AT 200 FT.																													
/		200.00	210.00	10.00	900		HORN				<<	2	2	2	3		P	<1		50	P)	P-	P.	D+	D.	LI	D)	D.		CC	72			
L	SSX				120			7A							C			<3		85		P.	P*		D.	D-		D-		D(				
/		210.00	220.00	10.00	900		HORN				<<	2	2	2	3		P	<1		75	P+	P*		D)	D.	LI	D)	D.		CC	73			
L	SSX				120			7	A						C			<3		85		P.	P)			D.		D-		D(				
/	FLT	218.00	219.00	1.00	900	X	HORN				<<	2	2	2	3		R	<1		75	P+	P*		D)	D.	LI	D)	D.		CC	73			
L	SSX				120			7	A						C			<3		85		P.	P)			D.		D-		D(				
/		220.00	230.00	10.00	1000		HORN				<<	2	2	2	3		P	<1		60	P+	P*		D(	D.	LI	D(	D.		CC	73			
L	SSX				200			7A							C			<3		80		P-	P*			D.		D-		D.				
/		230.00	240.00	10.00	1000		HORN				<<	2	2	2	3		P	<1		50	P+	P*		D(	D.	LI	D+	D.		BO	73			
L	HYP				200			7A							C			<1		40		P-	P*			D.		D-		D.				
/		240.00	250.00	10.00	1000		HORN				<<	2	2	2	3		P	<1		85	P*	P=		D-	D-		D+	D-		BO	73			
L	HYP				200			7A							C			<1		40		P.	P-		D.			D-		D.				
/		250.00	260.00	10.00	1000		HORN				<<	2	2	2	3		P	<1		60	P*	P=		D.	D.		D)	D.			74			
L	HYP				150			7A							C			<1		25		P.	P-		D.			D-						

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK FV RQ	TM LC	TM TM	QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		260.00	270.00	10.00	900		HORN				<<	2	2	2	3		P		<1		70	P)	P=		D-	D-		D)	D-		CC	74		
L	SSX				150			7A							C				<1		75		P.	P-		D-			D.				
/		270.00	280.00	10.00	1000		HORN				<<	2	2	2	3		P		<3		85	P*	P*		D-	D-		D*	D.			73		
L	SSX				220			7A							C				<1		70		P.	P*					D.				≤.
/		280.00	290.00	10.00	1000		HORN				<<	2	2	2	3		P		<1		25	P*	P*		D-	D-		D*	D.			73		
L	HYP				220			7A							C				<1		40			P-		D-			D-					
/		290.00	300.00	10.00	800		HORN				<<	2	2	2	3		P		<1		60	P*	P*		D-	D.		D*	D.		BO	73		
L	HYP				120			7A							C				<3		65			P-					D-		D.		≤.
/		300.00	310.00	10.00	600		HORN				<<	2	2	2	3		P		<1		50	P*	P*		D.	D.		D-	D.			73		
L	HYP				120			7A							C				<3		25		P.	P)					D.					
/		310.00	320.00	10.00	900		HORN				<<	2	2	2	3		P		<1		60	P*	P*		D.	D.	TA	D-				73		
L	HYP				220			7A							C								P.	P)		D.	D.		D.					
/		320.00	330.00	10.00	900		HORN				<<	2	2	2	3		P		<1		55	P*	P*		D.	D.		D*				73		
L	HYP				120			7A							C				<3		40		P.	P)		D.			D*					
/		330.00	340.00	10.00	900		HORN				<<	2	2	2	3		P		<3		25	P(	P*		D(	D-		D*	D.			73		
L	HYP				200			7A							C				<1		40			P=		D-			D-					
/		340.00	350.00	10.00	1000		HORN				<<	2	2	2	3		P		<3		50	P(	P*		D(	D-		D)	D-			73		
L	HYP				200			7A							C				<1		50			P=		D-			D-					
/		350.00	360.00	10.00	800		HORN				<<	2	2	2	3		P		<3		85	P-	P*		D(	D-		D*	D.			73		
L	HYP				120			7A							C				<1		50			P+		D.			D-					
/		360.00	370.00	10.00	1000		HORN				<<	2	2	2	3		P		<3		60	P-	P*		D(	D-		D*	D.			73		
L	HYP				120			7A							C				<1		70			P+					D-					
/		370.00	380.00	10.00	1000		HORN				<<	2	2	2	3		P		<1		30	P)	P*	P.	D(	D-		D-	D.			73		
L	HYP				200			7A							C				<3		30		P.	P*					D.					
/	CNT	373.00	374.00	1.00	1000		X DYKE				<<	2	2	2	2		R									D-								
L	HYP				200			7A							C																			
R		373.00	390.00		FINE GRAINED MAFIC DYKE NOT MINERALIZED EXCEPT FOR MG																															
/		380.00	390.00	10.00			DYKE				<<	2	2	2	2		P								D-	D-						??		
L	HYP							7A							C																			
/		390.00	400.00	10.00	1000		HORN				<<	2	2	2	3		P		<1		40	P-	P*	P.	D-	D+		D+	D.			72		
L	HYP				200			7A							C				<3		60			P*		D.			D-					
/		390.00	391.00	1.00	100		X DYKE										R																	
L	DYK				200																													
R		394.40	395.00		MASSIVE MAGNETITE																															

KEY	F -L-	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.--	MD --	% -	ROCK ----	TM --	IM --	QM1 ---	TX --	TX -_	F -	C -	% -	M -	TFDM ----	RI ---	1 -	ID --	AZM ---	DIP ---	QZ --	BI --	CY --	CB --	MG --	XX --	PY --	CP --	GL --	YY --	F -	I -	Z -	I -
Y	G				R	Q	D	AGE	EV	RQ	LC	TM	QM2	TX	TX	S	R	S	O	SML		2	ID	AZM	DIP	KF	MU	CL	EP	HE		MV	MO	SL				
R		390.00	391.00		END OF HOLE																																		

A	UMM				% CU	% MO	PPMAG
A	004	50.00	60.00	67992	0.44	0.084	67.
A	004	60.00	70.00	67993	0.40	0.204	27.
A	004	70.00	80.00	67994	0.24	0.127	5.
A	004	80.00	90.00	67995	0.23	0.097	5.
A	004	90.00	100.00	67996	0.34	0.062	5.
A	004	100.00	110.00	67997	0.44	0.099	3.
A	004	110.00	120.00	67998	0.63	0.105	2.
A	004	120.00	130.00	67999	1.30	0.204	2.
A	004	130.00	140.00	68000	0.54	0.092	3.
A	004	140.00	150.00	68001	0.37	0.078	2.
A	004	150.00	160.00	68002	0.34	0.142	5.
A	004	160.00	170.00	68003	0.25	0.057	1.
A	004	170.00	180.00	68004	0.27	0.078	3.
A	004	180.00	190.00	68005	0.35	0.073	2.
A	004	190.00	200.00	68006	0.30	0.097	2.
A	004	200.00	210.00	68007	0.25	0.094	4.
A	004	210.00	220.00	68008	0.38	0.162	30.
A	004	220.00	230.00	68009	0.24	0.063	2.
A	004	230.00	240.00	68010	0.33	0.105	3.
A	004	240.00	250.00	68011	0.38	0.104	3.
A	004	250.00	260.00	68012	0.41	0.057	3.
A	004	260.00	270.00	68013	0.39	0.092	4.
A	004	270.00	280.00	68014	0.20	0.057	2.
A	004	280.00	290.00	68015	0.25	0.097	2.
A	004	290.00	300.00	68016	0.31	0.060	3.
A	004	300.00	310.00	68017	0.33	0.048	6.
A	004	310.00	320.00	68018	0.42	0.130	6.
A	004	320.00	330.00	68019	0.40	0.082	6.
A	004	330.00	340.00	68020	0.46	0.040	24.
A	004	340.00	350.00	68021	0.22	0.109	5.
A	004	350.00	360.00	68022	0.41	0.107	9.
A	004	360.00	370.00	68023	0.46	0.055	14.
A	004	370.00	380.00	68024	0.06	0.160	4.
A	004	380.00	390.00	68025	0.02	0.003	4.
A	004	390.00	400.00	68026	0.64	0.048	9.

GEOLOG EDIT LISTING

DATE: 81/ 4/ 7

PLACER DEVELOPMENT LTD

BERG CU MO PORPHYRY PROPERTY BC

FORMAT VERSION : 6802

DRILLHOLE/TRAVERSE :PRGDH137 COLLAR ELEVATION: 5800.00 AZIMUTH(DEG) : .00 GEOLOGGED BY : LAS +
TOTAL DEPTH/LENGTH : 488.00 NORTHING(- IF S): 18700.00 VERTICAL ANGLE : -90.00 DATE (YY/MM/DD): 800000
CORE/HOLE DIAMETER : EASTING (- IF W): 11000.00 CO-ORD SYSTEM : GRD PROJECT NUMBER : V-139

KEY	FLAG	-INTERVAL- (UNITS = . DEC.PLACE) (MT=METRIC FT=FOOTRIC) FROM	TO	INT	CORE RECOV- ERY (.)	T- M O D	% M I X	ROCK TYPE	TYPIFYING TM 1	TYPIFYING TM 2	QAL MIN MAT QM1	TEXTURES TX 1	TEXTURES TX 2	GRAIN CHARACS F	C	%	M	TOTAL FRAC DEN MI	PGI /RI 1	STRUCTUR-1 T	ID	STK AZM	DIP RT	ALTERATION MINS H A QZ	H A BI	H A CY	H A CB	H A MG	H ANY MIN XX	ORE-TYPE MINS H A PY	H A CP	H A GL	H ANY MIN YY	SUMMARY ALT F	ORE I	Z	I
K	F				ROCK	FM		RT		TM	QM2	TX	TX	S	R	S	O	S		T	ID	STK	DIP	KF	MU	CL	EP	HE		MV	MO	SL					
E	L				QUAL	AGE	EN-	Q	LC-	3		3	4	O	N	H	/	M		2		AZM	RT	H	H	H	H	H	H	H	H	H	H	1		1	
Y	G				DESIG		VIR		COL					R	D	P	C	L			STRUCTUR-2			A	A	A	A	A	A	A	A	A	A	2		2	
/	OVB	.00	30.00	30.00				OVER											P																			
L																																						
R		.00	30.00		CASING																																	
/		30.00	40.00	10.00	700			HORN				<<	2	2	2	3		P	>3			20	P-	P=			LI	D-			FM	31				
L	CAP				050				7A							C			<3			65	P.				D=		D.		D.					
/		31.00	31.00	.00	700		X	HORN				<<	2	2	2	3		R	BD			40	P-	P=			LI	D-			FM	31				
L					050				7A							C			<3			65	P.				D=		D.		D.					
/		40.00	50.00	10.00	500			HORN				<<	2	2	2	3		P	<3			65	P-	P=			LI	D-			FM	31				
L	CAP				000				7A							C							P.				D=		D.		D.					
/		50.00	60.00	10.00	600			HORN				<<	2	2	2	3		P	<1			40	P-	P=			LI	D-			FM	31				
L	SSX				025				7A							C							P.				D=		D.		D.					
R		50.00	60.00		ABUNDANT LI AND JAROSITE																																	
/		60.00	70.00	10.00	800			HORN				<<	2	2	2	3		P	<1			60	P-	P=			LI	D-			FM	71				
L	SSX				025				7A							C			<1			70	P.	P.			D+		D.		D.					
/		70.00	80.00	10.00	900			HORN				<<	2	2	2	3		P	<1			60	P-	P+		D*	LI	D*			FM	71				
L	SSX				075				7A							C							P.	P.			D+		D.		D-					
R		70.00	80.00		ABUNDANT LI AND JAROSITE																																	
/		80.00	90.00	10.00	800			HORN				<<	2	2	2	3		P	<1			70	P*	P+		D.	LI	D*			FM	71				
L	SSX				050				7A							C							P.	P.			D+		D.		D-					
R		80.00	90.00		ABUNDANT LI AND JAROSITE																																	

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK FV	TM RQ	TM LC	TM QM1 QM2	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		90.00	100.00	10.00	900		HORN				<<	2	2	2	3		P		<1		60	P*	P+			D.	LI	D*			FM	71		
L	SSX				050				7A						C				<3		80	P.	P.				D+		D.		D-			
/		90.00	100.00	10.00	900		HORN				<<	2	2	2	3		P		<1		60	P*	P+			D.	LI	D*			CC	71		
L	SSX				050				7A						C				<3		80	P.	P.				D+		D.		D-			
/		100.00	110.00	10.00	800		HORN				<<	2	2	2	3		P		<1		80	P*	P+			D.	LI	D*			FM	71		
L	SSX				025				7A						C							P.	P.				D)		.		D.			
/		100.00	110.00	10.00	800		HORN				<<	2	2	2	3		P		<1		80	P*	P+			D.	LI	D*			CC	71		
L	SSX				025				7A						C							P.	P.				D)				D.			
/		110.00	120.00	10.00	1000		HORN				<<	2	2	2	3		P		<1		60	P)	P+			D.	LI	D*	D-		CC	72		
L	SSX				075				7A						C				>1		45	P.	P.				D)		D-		D-		D(	
R		110.00	120.00		MALACHITE AZURITE JAROSITE IN CORE																														
/		120.00	130.00	10.00	900		HORN				<<	2	2	2	3		P		<1		70	P*	P+				LI	D*			CC	72		
L	SSX				050				7A						C							P.	P.				D+		D.		D-			
/		130.00	140.00	10.00	700		HORN				<<	2	2	2	3		P		<1		80	P-	P+	P.			LI	D-			CC	71		
L	SSX				000				7A						C							P.	P.				D+		D.		D-		D-	
R		130.00	140.00		MALACHITE-AZURITE-NEOTOCITE HERE ABUNDANT JAROSITE																														
/		140.00	150.00	10.00	700		HORN				<<	2	2	2	3		P		<1		85	P-	P+	P.			LI	D-			CC	71		
L	SSX				000				7A						C							P.	P.				D+		D.		D-		D-	
/		150.00	160.00	10.00	800		HORN			LT-	BX						P		<1		50	P*	P=	P.	D.		LI	D*			CC	73		
L	SSX				000				7A						C				<3		25	P.	P*	P*		D-	D)		D-		D.			D-
/	FLT	160.00	170.00	10.00	800		HORN				BX	<<	2	2	3	3	P		<1		55	P*	P+	P)	D(			D*			CC	73		
L	SSX				025				7A						C				<3		20	P.	P.	P)					D-		D.			D-
/		170.00	180.00	10.00	800		HORN				BX	<<	2	3	3	5	P		<1		70	P(	P*	P-	D(			D*			CC	73		
L	SSX				000				7A							0						P*	P-	P+					D.		D.			D-
/	FLT	170.00	179.00	9.00	800		HORN				BX	<<	2	3	3	5	P		<1		70	P(	P*	P-	D(			D*			CC	73		
L					000				7A							0						P*	P-	P+					D.		D.			D-
/		180.00	190.00	10.00	1000		HORN					<<	2	2	2	3	P		<1		60	P+	P*	P.	D*			D)				73		
L	HYP				120				7A						C				<3		40	P)	P*	P)					D*					D-
R		180.00	190.00		PERVASIVE QZ STOCKWORK																														
/		190.00	200.00	10.00	900		HORN					<<	2	2	2	3	P		<1		60	P+	P-	P-	D*			D*	D-			73		
L	HYP				050				7A						C				<3		80	P-	P-	P)					D-					D-
R		190.00	200.00		MINOR PRIMARY K-FEDSPAR																														
/		200.00	210.00	10.00	800		HORN					<<	2	3	3	3	P		<3		40	P+	P-	P.	D*			D*	D-			73		
L	HYP				025				7A						C				<1		60	P-	P.	P)					D-					D-

KEY	F -L- G	FROM -	TO -	INT	RECOV R Q D	MD AGE	% EV	ROCK RQ	TM LC	IM TM	QM1 QM2	TX TX	TX TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/	FLT	205.00	210.00	5.00	800		X	HFBR				BX	<<	2	3	3	3		R		<3		40	P+	P-	P,	D*		D*	D-			73		
L	HYP				025				7A								C				<1		60	P-	P.	P)				D-					D-
/		210.00	220.00	10.00	800			HORN					<<	2	3	3	4		P		<3		50	P+	P.	P-	D*		D)	D.			73		
L	HYP				025				7A								0				<1		60	P.	P.	P)				D-					
/	FLT	210.00	220.00	10.00	800			HORN				BX	<<	2	3	3	4		P		<3		50	P+	P.	P-	D*		D)	D.			73		
L	HYP				025				7A								0				<1		60	P.	P.	P)				D-					
/		220.00	230.00	10.00	1000			HFBR				BX		2	3	3	4		P					P)	P.	P-	D*		D)	D.			73		
L	HYP				025				7A								0							P.	P.	P)				D-					
/	FLT	230.00	240.00	10.00	1000			HORN				BX	<<	2	3	3	4		P		<3		40	P)	P-	P-	D-		D-	D.			73		
L	HYP				150				7A								0				<3		20	P.	P.	P-				D.					
/	CNT	238.00	238.00	.00			X	QZMZ	BI			PP	<<	2	3	2	3		R		<1		80	P)	P(	P.			D-				73		
L	HYP								7A								0							P-	P(					D.					
R		238.00	238.00		QZMZ CONTAINS SOME FRAGS HORN.																																	
/		240.00	250.00	10.00	700			QZMZ	BI			PP	<<	2	3	2	3		P		<1		55	P)	P(	P.			D-				73		
L	HYP				050				7A								0							P-	P(					D.					
/	CNT	244.00	250.00	6.00			X	HORN					<<	2	3	3	3		R		<1		60	P)	P+	P-	D-		D-				73		
L	HYP								7A								0				<3		60	P.	P.	P-				D.					
/		250.00	260.00	10.00	900			HORN					<<	2	3	3	5		P		<3		40	P*	P=		D*	D-	D*	D-		CC	73		
L	HYP				120				7A								C				<1		80	P-	P-	P-				D-		D.			D-
/		260.00	270.00	10.00	900			HORN					<<	2	2	3	3		P		<1		88	P*	P=		D)	D-	D(	D.			73		
L	HYP				120				7A								C				<3		45	P-	P-	P-				D.					D-
/		270.00	280.00	10.00	900			HORN					<<	2	2	3	3		P		<3		90	P*	P=		D-		D-	D.			73		
L	HYP				120				7A								C				<1		80	P-	P-	P-									D.
/	CN/	280.00	290.00	10.00	900			QZMZ	BI			PP	<<	2	2	2	3		P		>1		75	P*	P*	P*	D)		D(				73		
L	HYP				120				7A								C							P-	P-	P-				D.					D-
/		290.00	300.00	10.00	1000			HORN					<<	2	2	2	3		P		<1		70	P*	P+	P.		D.	D(				73		
L	HYP				150				7A								C				<1		60	P-	P.	P-	D*			D.					D-
R		294.00	294.00									P	>3			80																				
/		300.00	310.00	10.00	1000			HORN					<<	2	2	2	3		P		<1		25	P*	P+	P.	D*	D.	D(				73		
L	HYP				150				7A								C				>3		60	P-	P.	P-				D-					D-
/		310.00	320.00	10.00	1000			HORN					<<	2	2	2	3		P		<1		60	P*	P=	P.	D-	D.	P(	P.			73		
L	HYP				200				7A								C							P-	P-	P=				P-					
/	CNT	313.50	317.00	3.50		KF	X	QZMZ	BI		KF	EQ	<<	2	2	3	3		R		<1		75	P*	P*	P-	D-	D.	P-				73		
L	HYP								7A								0				<3		85	P-	P)	P.				P.					

KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK EV	RQ	TM LC	IM	QM1 QM2	TX	TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID	AZM	DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F -	I -	Z -	I -
/		320.00	330.00	10.00	1000		HORN					<<		2	2	3		P		<1		65	P*	P=		D.	D.		P-	P-			73		
L	HYP				200				7A							C							P-	P)	P=					P-						
/	CNT	328.00	330.00	2.00		KF X	QZMZ	BI		KF	EQ	<<		2	2	3	7		R		<1		60	P*	P*		D.	D.		P-	P.			74		
L	HYP								7A								0				<3		75	P-	P)	P.					P-						
/	CNT	330.00	340.00	10.00	1000		HORN					<<		2	2	3		P		<1		60	P(	P=		D.	D.		P(				75		
L	HYP				200				7A							C					<3		20	P-	P)	P=					P-						
/	CNT	335.50	335.50	2.00		KF X	QZMZ	BI		KF	EQ	<<		2	2	3	3		R		<3		20	P*	P*		D.			P-				75		
L	HYP								7A								0							P-	P)	P.						P.					
/		340.00	350.00	10.00	1000		HORN	BI				<<		2	2	3		P		>3		60	P*	P=			D.		P-				75		
L	HYP				200				7A							C					>3		50	P-	P-	P*					P.				D-	
/	CNT	349.00	350.00	1.00		KF X	QZMZ			KF	EQ	<<		2	2	3	3		R					P*													
L	HYP								7A								0							P-	P*												
/		350.00	360.00	10.00	1000		HORN	BI				<<		2	2	3		P		<3		60	P)	P=		D.	D.		P-	P.			75		
L	HYP				200				7A							C					<1		85	P.	P.	P+					P-					D.	
/	CNT	355.00	360.00	5.00		KF X	QZMZ			KF	EQ	<<		2	2	3	3		R		<1		75	P*	P*		D.			P-				75		
L	HYP								7A								0							P-	P*						P.					
/		360.00	370.00	10.00	1000		HORN					<<		2	2	3		P		<1		90	P*	P*			D.		P-				75		
L	HYP				200				7A							C					<3		80	P-	P*	P+					P-					D-	
/		370.00	380.00	10.00	1000		HORN					<<		2	2	3		P		<1		85	P*	P+			D.		D*				74		
L	HYP				200				7A							C					<3		25	P.	P-	P)					D-					D-	
/	CNT	370.50	371.00	.50		KF X	QZMZ			KF	EQ								R															74		
L	HYP								7A																											
R		370.50	371.00		SILICA FLOODING IN HORN																																
/		380.00	390.00	10.00	1000		HORN					<<		2	2	3		P		<1		85	P*	P+			D.		D*				74		
L	HYP				200				7A							C					<3		25	P.	P-	P)					D-					D-	
/		390.00	400.00	10.00	1000		HORN				.	<<		2	2	3		P		<3		75	P*	P+			D-		D(				74		
L	HYP				200				7A							C					<1		80	P.	P-	P)					D-					D-	
/		400.00	410.00	10.00	1000		HORN					<<		2	2	3		P		<1		70	P+	P+			D.		D*				74		
L	HYP				200				7A							C					<3		85	P.	P-	P)					D-					D-	
/	CNT	408.00	408.80	.80		KF X	QZMZ			KF	EQ								R						P*	P-								74		
L	HYP								7A																P-	P*	P.										
/		410.00	420.00	10.00	1000		HORN					<<		2	2	3		P		<1		80	P+	P+			D.		D*				74		
L	HYP				200				7A							C					>3		35	P.	P-	P)					D-					D.	

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/ CNT  412.00  412.40    .40        KF X QZMZ        KF  EQ << 2 2 2 3       R    <1       80 P*
L HYP                                   7A                    0                             P- P-
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KEY	F -L- G	FROM ----.--	TO ----.--	INT ---.--	RECOV ---.-- R Q D	MD % AGE	ROCK FV	RQ	TM LC	TM	QM1 QM2	TX	TX	F S	C R	% S	M O	TFDM SML	RI	1 2	ID ID	AZM AZM	DIP DIP	QZ KF	BI MU	CY CL	CB EP	MG HE	XX	PY MV	CP MO	GL SL	YY	F	I	Z	I
/		420.00	430.00	10.00	1000		HORN					<<	2	2	2	3		P		<3		85	P*	P+			D.		D*			74		
L	HYP				200				7A							C				<1		70				D.			D-				D.	
/		430.00	440.00	10.00	1000		HORN					<<	2	2	2	3		P		<1		85	P*	P+			D.		D*			74		
L	HYP				200				7A							C				<3		25	P.	P-	P+					D-				D-	
/		440.00	450.00	10.00	1000		HORN					<<	2	2	2	3		P		>3		65	P)	P+			D.		D*	D.		74		
L	HYP				200				7A							C				<1		90	P.	P-	P*					D-				D-	
/		450.00	460.00	10.00	1000		HORN					<<	2	2	2	3		P		<1		60	P)	P+			D.		D*			74		
L	HYP				200				7A							C				>1		30	P.		P-					D-				D.	
/		460.00	470.00	10.00	1000		HORN					<<	2	2	2	3		P		<1		75	P)	P+					D*	D-		74		
L	HYP				200				7A							C									P-					D-				D-	
/	CNT	463.50	470.00	6.50		KF	X QZMZ			KF	EQ	<<	2	2	3	3		R		<1		30	P*	P*					D-			74		
L	HYP								7A							0							P-	P*	P.					D.				D-	
/		470.00	480.00	10.00	1000		HORN					<<	2	2	2	3		P		<1		60	P*	P+					D-			74		
L	HYP				200				7A							C				<1		80	P-	P.	P-					D-				D.	
/		470.50	471.00	.50		KF	X QZMZ			KF	EQ	<<	2	2	3	3		R		<1		75	P*						D-			74		
L	HYP								7A							0								P-										D.	
/		480.00	488.00	8.00	900		HORN					<<	2	2	2	3		P		<1		50	P-	P+			D-		D-			74		
L	HYP				200				7A							C								P+	P*					D.				D.	
/	CNT	483.50	484.20	.70		KF	X QZMZ			KF	EQ	<<	2	2	3	3		R		<1		40	P*	P+					D.			74		
L	HYP								7A							0								P+	P-					D.					

A UMM				% CU	% MO	PPM AG
A 004	30.00	40.00	68027	0.04	0.054	5.
A 004	40.00	50.00	68028	0.04	0.029	5.
A 004	50.00	60.00	68029	0.05	0.037	5.
A 004	60.00	70.00	68030	0.04	0.051	4.
A 004	70.00	80.00	68031	0.11	0.044	37.
A 004	80.00	90.00	68032	0.04	0.044	4.
A 004	90.00	100.00	68033	0.10	0.038	4.
A 004	100.00	110.00	68034	0.29	0.019	7.
A 004	110.00	120.00	68035	0.97	0.004	8.
A 004	120.00	130.00	68036	0.59	0.007	5.
A 004	130.00	140.00	68037	0.67	0.013	5.
A 004	140.00	150.00	68038	0.96	0.010	4.
A 004	150.00	160.00	68039	0.54	0.001	6.
A 004	160.00	170.00	68040	0.20	0.055	4.
A 004	170.00	180.00	68041	0.57	0.067	8.
A 004	180.00	190.00	68042	0.52	0.043	7.
A 004	190.00	200.00	68043	0.27	0.077	5.
A 004	200.00	210.00	68044	0.25	0.087	4.
A 004	210.00	220.00	68045	0.21	0.062	6.
A 004	220.00	230.00	68046	0.19	0.025	4.
A 004	230.00	240.00	68047	0.15	0.070	4.
A 004	240.00	250.00	68048	0.39	0.053	7.
A 004	250.00	260.00	68049	0.30	0.087	6.
A 004	260.00	270.00	68050	0.21	0.078	3.
A 004	270.00	280.00	68051	0.07	0.020	2.
A 004	280.00	290.00	68052	0.38	0.063	6.
A 004	290.00	300.00	68053	0.27	0.043	6.
A 004	300.00	310.00	68054	0.20	0.023	4.
A 004	310.00	320.00	68055	0.23	0.109	4.
A 004	320.00	330.00	68056	0.18	0.073	3.
A 004	330.00	340.00	68057	0.23	0.073	3.
A 004	340.00	350.00	68058	0.16	0.057	3.
A 004	350.00	360.00	68059	0.27	0.037	4.
A 004	360.00	370.00	68060	0.27	0.045	4.
A 004	370.00	380.00	68061	0.23	0.053	5.
A 004	380.00	390.00	68062	0.32	0.092	8.
A 004	390.00	400.00	68063	0.22	0.055	4.
A 004	400.00	410.00	68064	0.24	0.095	4.
A 004	410.00	420.00	68065	0.24	0.067	4.
A 004	420.00	430.00	68066	0.18	0.115	4.
A 004	430.00	440.00	68067	0.16	0.129	3.
A 004	440.00	450.00	68068	0.19	0.065	11.
A 004	450.00	460.00	68069	0.15	0.025	5.
A 004	460.00	470.00	68070	0.20	0.057	5.
A 004	470.00	480.00	68071	0.25	0.060	5.
A 004	480.00	488.00	68072			

L 17

M 95

"A"

"B"

POST

CAMP

JUNCT.

SWAMP

CLIFF

BRG-89 BRG-95 BRG-18&22 BRG-88 BRG-125 BRG-126 BRG-116 BRG-01&03 BRG-87 BRG-75 BRG-115 BRG-136 BRG-123 BRG-135 BRG-124 BRG-85 BRG-117 BRG-96 BRG-83 BRG-12 BRG-133 BRG-74 BRG-020 BRG-127 BRG-81 BRG-80 BRG-10 BRG-120 BRG-122 BRG-114 BRG-98 BRG-79 BRG-43 BRG-09 BRG-119 BRG-134 BRG-128 BRG-78 BRG-93 BRG-118 BRG-16 BRG-86 BRG-63 BRG-13 BRG-77 BRG-05 BRG-113 BRG-04 BRG-08 BRG-97 BRG-06 BRG-91 BRG-07 BRG-76 BRG-137 BRG-84 BRG-82 BRG-11 BRG-30 BRG-70 BRG-31 BRG-102 BRG-14 BRG-111 BRG-112 BRG-34 BRG-106 BRG-69 BRG-121 BRG-20 BRG-27 BRG-104 BRG-28 BRG-130 BRG-17 BRG-109 BRG-35 BRG-72 BRG-101 BRG-29 BRG-71 BRG-24 BRG-19 BRG-132 BRG-36 BRG-110 BRG-103 BRG-90 BRG-105 BRG-92 BRG-131 BRG-107 BRG-108 BRG-23 BRG-32 BRG-25 BRG-33 BRG-33a BRG-15 BRG-94 BRG-26 BRG-37 BRG-65 BRG-21 BRG-99 BRG-68 BRG-100

21,500 N. 21,000 N. 20,500 N. 20,000 N. 19,500 N. 19,000 N. 18,500 N. 18,000 N. 17,500 N. 17,000 N. 16,500 N. 16,000 N. 15,500 N. 15,000 N. 14,500 N. 14,000 N. 13,500 N.

6,000 E. 6,500 E. 7,000 E. 7,500 E. 8,000 E. 8,500 E. 9,000 E. 9,500 E. 10,000 E. 10,500 E. 11,000 E. 11,500 E. 12,000 E. 12,500 E.

6000 5900 5800 5700 5600 5500 5400 5300 5200 5100 5000 4900 4800 4700 6100 6200 6300 6400 6500 6600

Legend

Rock Types

- Basic Dyke
- Qtz. Latite Porphyry (unaltered)
- Qtz. Latite Porphyry (altered)
- Qtz. Monzonite Porphyry
- Qtz. Diorite
- Hornfels (altered Hazelton)
- Hazelton Group (pyroclastics)

Geological Contacts — observed, assumed

Drill Hole

0 200 400 600 800 900 1000 FEET

Geology after G.O.M. Stewart

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 9036

DRAWN: A.K.	SCALE:	CANEX PLACER LIMITED	Geology & Drill Hole Loc. Map
TRACED:	DATE: Sept. 12, 1973	BERG PROPERTY, B.C.	FILE No. 0253
APPROVED:	REVISED: OCT., 1980.		