PLACER DOME INC. GEOLOG DRILLHOLE HEADER FORM

861101 Shear

DRILLHOLE HEADER

KEY	FLAG	FORMAT VERSION	SPEC	UNIQUE ID OF PROJECT OR SUB-PROJECT	DRILL HOLE / TRAVERSE PRE-FIX	TYPE	NUMBER	SIZE OF CORE OR HOLE	GEOLOGGED MONTH	BY	ASST'D BY	DRILLED DRILLER(S)	MONTH	YR.	RIG TYPE	DRILLING TIME-HRS.	SURVEYED BY	CO-ORD SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN		6B0201		SHERR	DD	H	92-2	NQ	WCH	SEP	92	BNR		JL	SEP		44				01	

KEY	COMPANY NAME	PROPERTY or PROJECT or SUB-PROJECT NAME
IPRJ		

TURN'G PT. 000=Collar	FROM	TO	MT or FT.	TOTAL DEPTH / LENGTH	AZM	CLOCKW'S FR. TRUE N.	V-ANG.	NEG. IF DOWN	NORTHING	NEG. IF SOUTH	EASTING	NEG. IF WEST	ELEVATION	NEG IF SUB-SEA
S000	000	7620	MT	150.30	87.00		-46.00							

FT. ← Drillhole coordinate system units.

See Note 4 → TO DEFINE HOW AND AMOUNT FIELDS OF ALTERATION AND MINERAL SUITES

CARDS

	RECOVERY	T-MOD	% MIX	ROCK	TM 1	TM 2	QM 1	TX 1	TX 2	F	C	GRAIN % C	MXP	R	B1	STRUC. ID	STRIKE AZM	DIP TO RT OR PLUNGE	ALTERATION	MINERAL SUITES	OPEN FIELD
/NAM																					

FILL OUT

	RQD	AGE FORM'N	ENVIR.	LC COLOUR	TM 3	QM 2	TX 3	TX 4	S R	R N	S N	O/C	FRACTURES S	M	L	tot	R	B2	STRU. 2 ID.	AZM	DIP TO RT	FILL IN COLUMN HEADINGS USED	OPEN FIELD
LNAM																						if desired	

ONCE PER HOLE

	UNIT OF LENGTH	UNIT OF RECOVERY	UNIT OF RQD	LCTM or LB Hu
/SCL	T·2	·		
LSCL			·	

EXTRA DOWNHOLE SURVEY CARDS CROSS OUT IF NOT REQ'D.

FILL OUT IF REQUIRED — CROSS OUT IF NOT REQUIRED

TURN'G PT 000=Collar	FROM	TO	TOTAL DEPTH / LENGTH	AZM	CLOCKWISE FR. TRUE N.	V-ANG	NEG. IF DOWN
S001	7620	15030	150.30	89.00		-46.00	
S002			.		.		.
S003			.		.		.
S004			.		.		.
S005			.		.		.
S006			.		.		.

EXAMPLE OF ASSAY FILE DEFINITION CROSS OUT IF NOT REQ'D.

A00		← Assay File No. (Typically 1.)
AUMM		← ASSAY FIELD NAMES SEE NOTE 2
ALAB		
ATYP		
AMTH		

ASSAY FILE DESCRIPTION CARDS ARE OPTIONAL — CROSS OUT IF NOT REQUIRED OR REPLACED BY REMARKS

SAMPLE ASSAY RECORDS

	FROM	TO	RECOVERY	SS=Sample Serial No.	A1	A2	A3	A4	A5	A6	A7	A8	A9
A00													
A00													
A00													
A00													

Assay File Definition Number, Typically A001.

Notes:

1. - Do not change /NAM, LNAM, /SCL, LSCL, or AUMM card definitions durin a project. Blanks may be changed hower.
2. - On AUMM card, right adjust names so that R.H. 4 letters make sense. They will be "stats" header names.
3. - Units of distance on S000 card are for survey coordinates, those on /SCL card are for downhole distances.
4. - To define XX type field put XX in upper tier, lower tier then becomes corresponding How and amount field.
5. - If additional "S" or "A" cards are required use another header form and cross out unwanted portions or enter "S" or "A" cards on keypunched portion on Form 2.

P.L.K. - A.K. - Feb. 88

PLACER DOME INC.
DRILL LOG FORM 4

MBG - JULY 90

IDEN 6B0201 — UNIQUE ID OF PROJECT | DRILL HOLE/TRAVERSE | SIZE OF CORE | LOGGED | BY | DRILLER (S) | MONTH | YEAR | TYPE | TIME-HRS | SURVEYED | SYSTEM | GRID | AZIMUTH

S — DRILL COORD SYSTEM UNITS → M/F: T | TOTAL DEPTH/LENGTH | AZM | V ANG | NORTHING | EASTING | ELEVATION

HORIZON FLAG | FROM | TO | ZONE FLAG

RECOV. | T-MOD | % MIX | ROCK | VEINS S M L tot | RQD | CS | FRACTURES S M L tot | DEFINED MINERAL FIELDS | OPEN FIELDS

DEFINED MINERAL FIELDS: KF SI CL EP PI MG XX CP P2 BN XX YY / HS CB CN PQ LI XX Q2 ML HE XX YY

GRAPHIC LOG

ROCK TYPE | STRUCTURES | FRACTURES | MINERALIZATION ALTERATION | OPEN

DESCRIPTIVE REMARKS

Flag	From	To	Descriptive Remarks	Recov	Sample No. / Rock	Fields	Mineral fields
A00							
/	060	7000			OVBD		
R			CASING down to 7.0 m.				
			7.0 - 8.1 - HBL - felds. porphyry dyke				
/	700	1000	Qtz Mag. Pyrite breccia filling,		BR x x	F2	Q2 #2 D=
L			Disseminated Carb. in matrix - Blocky			D2	C
R			ground till 9.20 m -				
A001	700	1000.	Breccia, Qtz Mag, Epidote		25706.		
/	1000	1300	Breccia filling with dioritic		BR x x	F2	Q2 #2 D)
L			material -			V1	
A001	1000	1300			25707		
/	1300	1600	Host Quartz Epidote, pyrite as		BR x x	F2	Q2 #2 D)
L			breccia infill, less magnetite -			F1	
R			Host frgt a green fine grained volc.				
A001	1300	1600			25708.		
/	1600	1900	Host fragts are augite PP andesite -	BR	AUAN	F1	Q2 #2 D)
L			some augite x'tals -, brecciated,			V1	
R			with Qt - chlorite pyrite breccia filling -				
A001	1600	1900			25709		
/	1900	2200	Carbonatized and epidotized breccia		BR x x	F1	Q3 #2 D)
L			most fgts are volcanic 2			V2	
L			pink K. spar syenite fgt -				
A001	1900	2200	22 - 25.2, Green, fine to med-grained		25710.		
			monzonite dyke - cut by Qtz, KF pyrite				
/	2200	2620	veins up to 5 cm wide -	BC	MZDY	F2	Q2 #1 D)
L						V1	
A001	2200	2560			25711		

UNIQUE ID OF PROJECT	DRILL HOLE/TRAVERSE	SIZE OF CORE	LOGGED	BY	DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201													03	

DRILL COORD SYSTEM UNITS →	M/F	TOTAL DEPTH/LENGTH AZM	V ANG	NORTHING	EASTING	ELEVATION
S	T					

GRAPHIC LOG

PLACER DOME INC.
DRILL LOG FORM 4

MBG - JULY 90

HORIZON FLAG	FROM	TO
1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16
/		
ZONE FLAG		
L		

RECOV	T-MOD	% MIX	ROCK	VEINS S M L tot	DEFINED MINERAL FIELDS	OPEN FIELDS
18 19 20	21 22 23	24 25 26 27		43 44 45 46	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
					KF SI C L E P P I M G X X C P P2 PU	X X Y Y
RQD	C S			FRACTURES S M L tot		
					MS CB HE CY PR LI X X Q2 MC EP	X X Y Y

1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	DESCRIPTIVE REMARKS	18 19 20	21 22 23 24 25 26
A 0 0				RECOV	SAMPLE No.
/ SP6.	26.20	37.80	26.2-37.8 · Aegite porphyry andesite flows - 28.9 Massive pyre. 3cm wide °vein + Cals - Qtz and KF. Aegite phenocrysts are white from alteration. 31.2 and 31.5 - small 45° Qtz bearing microveins associated with small blebs of CP, 34.4 10 cm wide. White quartz v. bleached core on both ends - black - chalk stock in carbonate veins -		BR. AUAN
A 0 0 1	25.00	28.00	some Qtz filled vesicles.		25712
A 0 0 1	28.00	31.00	37.8 40-7 Breccia, White, fine matrix with CP blebs		25713.
A 0 0 1	31.00	34.60	40.1 10 cm w. Q vein, veinlets		25714.
A 0 0 1	34.00	36.00	some carb blebs, dissem. diss. pyrite		25715
A 0 0 1	36.00	37.80	Chunky out - Small fract 40% of segment		25716
/ L	37.80	40.70	up to 3cm		BRXX
A 0 0 1	37.80	40.70	41.3-42.4 Grey fine grained magnetic monzonite dyke.		25717
/ R	40.70	43.00	grey, chalcite, pyrite floating - dyke. CP. blebs associated with pink quartz fgt.		BRXX
A 0 0 1	40.70	43.00			25718.
/ L	43.00	49.00	Green, quartz rich, chalcite bleb breccia infill, with disseminated pyrite		BRXX
A 0 0 1	43.00	46.00			25719
A 0 0 1	46	49.00			25720

V1 V1 Q1 V+ D- V1

V1 V1 P2 Q3 D+ V1

V1 P1 Q2 D+ D- V1

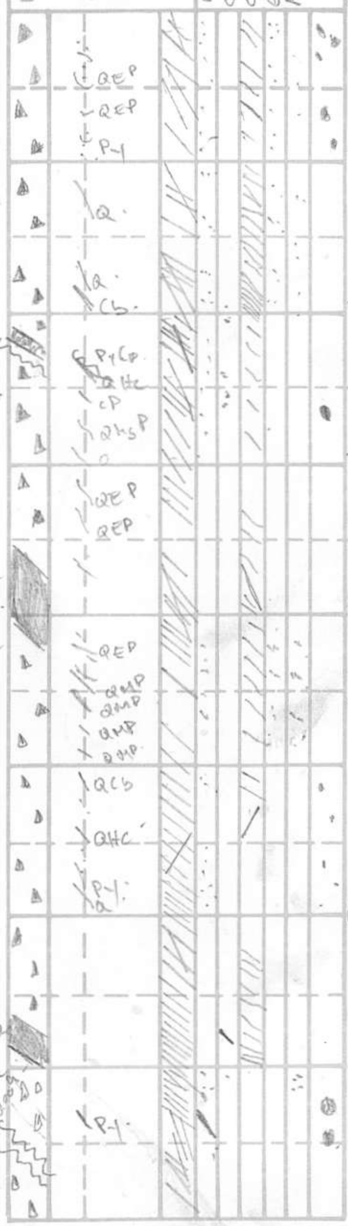
V1 P1 Q1 D+ D- V2

UNIQUE ID OF PROJECT	DRILL HOLE/TRAVERSE	SIZE OF CORE	LOGGED	BY	DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
I D E N 6 B 0 2 0 1													0 4	

DRILL COORD SYSTEM UNITS →	M/F	TOTAL DEPTH/LENGTH	AZM	V ANG	NORTHING	EASTING	ELEVATION
S	T	.	.	.	.	.	.

GRAPHIC LOG

ROCK TYPE | STRUCTURES | FRACTURES | MINERALIZATION ALTERATION | OPEN



Black MF dyke

Black F.gr. mafic dyke

Hard Black MF FG dyke white

PLACER DOME INC.
DRILL LOG FORM 4

MBG - JULY 90

HORIZON FLAG (1 2 3 4)	FROM (5–10)	TO (11–16)
/		
ZONE FLAG		
L		

RECOV (18 19 20)	T-MOD (21 22)	% MIX (23)	ROCK (24 25 26 27)	VEINS S M L tot (43 44 45 46)	DEFINED MINERAL FIELDS (57–76)	OPEN FIELDS (77–80)
RQD	CS			FRACTURES S M L tot	K F S I C L E P P I M G X X C P P 2 B P	X X Y Y
					M S C B H E C Y P R L I X X Q Z M C E P	X X Y Y

DESCRIPTIVE REMARKS

Depth	1 2 3 4	FROM	TO	DESCRIPTIVE REMARKS	SAMPLE No.	ROCK	DEFINED MINERAL FIELDS	OPEN FIELDS
	A 0 0							
49	/	4900	5200	alt, Epidote pyrite infill. breccia -		BR x x	P 2 F 1 Q 1 Q 1 D + D +	
	L			increase amount of magnetite in			<)	
	R			vein -	25721			
52	A 0 0 1	4900	5200					
	/	5200	5500			BR x x	P 1 F 1 Q 1 Q 1 D + D +	D -
	L						<)	
55	A 0 0 1	5200	5500		25722			
	/	55	5800	@ 55.8. small shear zone, with Qtz -		BR x x	P 1 F 2 Q ± Q ± D + D)	D *
	L			infill, Py and Trace of CP. are			< *	
	R			Qtz hematite vein -				
58	A 0 0 1	5500	5800		25723			
	/	5800	6100	59.9 - 61.8 Black fine grained mafic		BR x x	P 1 F 1 Q + Q + D) D)	D -
	L			dyke - Brecciated, some coarser			<)	
	R			grained frgt.				
61	A 0 0 1	5800	6100		25724			
	/	6100	6400	Increase of magnetite in Qtz Veins -		BR x x	P * F 1 Q) Q + D + D +	
	L						<)	
	A 0 0 1	6100	6400					
64					25725			
	/							
	/	6400	6700	Breccia, few pyrite microveins -		BR x x	P (Q) Q + D) D)	
	L			weak alteration -			<)	
67	A 0 0 1	6400	6700		25726			
				68.8 - 69.6. Black fine grained				
	/	6700	7000	mafic dyke, one CP. vein -.		BR x x	P (Q) Q + D) D)	
	L						< *	
70	A 0 0 1	6700	7000	71.5 - 72.3. really blocky core -	25727			
	/	7000	7300	clay + carb. altered, fault zone - core is		BR x x	P * F) Q) Q + D) D)	
				bleached on both side -			< *	
	A 0 0 1	7000	7300		25728			
73								

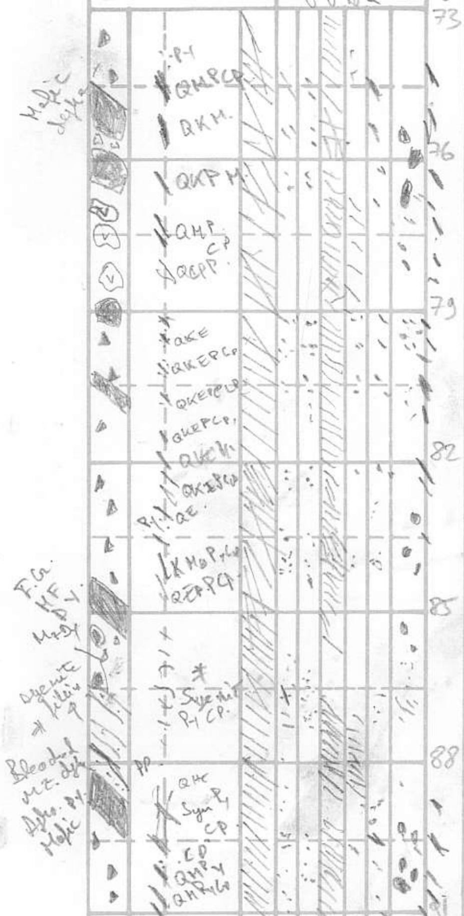
UNIQUE ID OF PROJECT	DRILL HOLE/TRAVERSE	PAGE OF
IDEN	6B0201	05

PLACER DOME INC.
DRILL LOG FORM 4

MBG - JULY 90

DEFINED MINERAL FIELDS: KF SI CL EP PI MG XX CP PZ RN XX YY / MS CR HE CY PQ LJ XX OZ ML HE XX YY

GRAPHIC LOG



Code	From	To	Descriptive Remarks	Sample No.	Rock	Defined Mineral Fields	Open Fields
/	73.00	76.00	74.6-76.4. Dark green, hard Mafic		B R x x	F 1 V 1 Q+ Q+ D) D+	
L			dyke Brecciated, contains frgts –			<)	
R			of volcanics, syenite, Qtz K-Spar				
R			Py – Cp zoned Veins up to 3cm				
A001	73.00	76.00	wide –	25973			
/	76.00	79.00	Numerous Augite porphyry.		B R x x	F 1 V 1 Q+ Q+ D+ D+	DC
L			andesite frgt with Qtz filled			<+	
R			stoc[illegible] – Qtz Vein with spodecala				
A001	76.00	79.00	Kspar, magnetite pyrite and CP –	25729			
/	79.00	82.00	The qtz, mag – K-spar epidot, Py, Cp		B R x x	F 3 V 2 C+ Q= D+ D=	D*
L			veins have some small pit – (carbonate)			<)	
R			amount of K-SPar in breccia filling				
R			increases towards end of interval –				
A001	79.00	82.00		25730			
/	82.00	85.00	Amount of CP seems to increase		B R x x	F 1 V 3 C+ Q= D= D+	D)
L			toward C/T with mafic dyke – K-SPAR			<)	
R			and magnetite decreases				
R			40 cm of mafic dyke is dry.				
A001	82.00	85.00	Breccia is mostly formed	25731			
/	85.00	88.00	with Brecciated dyke rock – The matrix		B R x x	F 2 V 1 C+ Q= D= D=	D)
L			is syenitic looking with up to			<)	
R			30% pink K-Spar – associated with				
R			CP @ 87.7				
A001	85.00	88.00	87.8 – 88.2 bleached monzonite.	25732			
			with flat lying pyrite microveins –,				
			88.2. 89.				
/	88.00	91.00	Numerous Qtz, Mag, Py – Cp veins –		B R x x	F 3 V 3 C+ Q+ D= D=	D)
L			more CP at C/T with pink syenite			<)	
			frgt.				
A001	88.00	91.00		25733			

UNIQUE ID OF PROJECT	DRILL HOLE/TRAVERSE	SIZE OF CORE	LOGGED	BY	DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201													06	
DRILL COORD SYSTEM UNITS →	M/F	TOTAL DEPTH/LENGTH	AZM		V ANG			NORTHING		EASTING			ELEVATION	
S	T													

GRAPHIC LOG

PLACER DOME INC.
DRILL LOG FORM 4

MBG – JULY 90

	HORIZON FLAG	FROM	TO
1	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16
/			
	ZONE FLAG		
L			

RECOV	T-MOD	% MIX	ROCK	VEINS S M L tot	DEFINED MINERAL FIELDS	OPEN FIELDS
18 19 20	21 22 23		24 25 26 27	43 44 45 46	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
					KF SE CL EP PI MG XX CP PR BD	X X Y Y
RQD	CS			FRACTURES S M L tot		
					MS CB HEC Y PR LI XX CO2 ML # E	X X Y Y

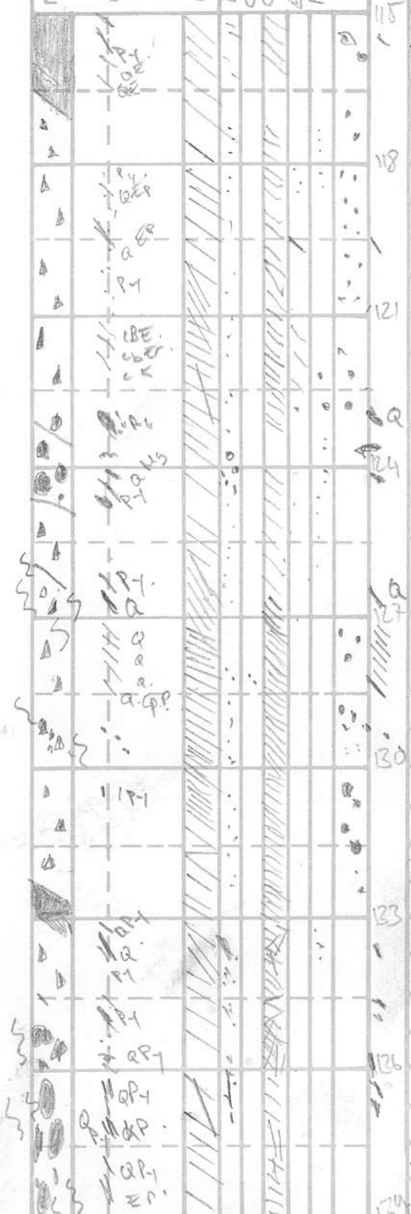
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	DESCRIPTIVE REMARKS	18 19 20 RECOV	21 22 23 24 25 26 SAMPLE No.	
A 0 0				
/ 9100 9400	One small feldspar PP dyke with steeply dipping CB V. CP. in Carb wkgs near C/T.		BRXX	P3F3C+Q)D=D+ D)) <)
L				
R				
A001 9100 9400			25734	
/ 9400 9700	Patches of qtz epidote and magnetite with pyrite –		BRXX	P2F2C+Q)D+D+ DC <X
L				
A001 9400 9700			25735	
/ 9700 10000			BRXX	P1F1C+Q)D+D+ D* <X
L				
R	Brecciated mafic dyke towards end of interval, CP in Qtz veins with K-Spar and mag.			
R				
A001 9700 10700			25736	
/ 10000 10750	100 – 107.5 Breccia is flooded by feldspar PP. mag. monzonite – a dyke with frgts – .		BR FDPP	P1F1(+E)D)D+ <)
L				
A001 100 10300			25737	
A001 103 10600			25738	
/ 10750 11200	alt. mag, Py in fine breccia – Pink pegmatite frgt are comon.		BRXX	P3F2C+Q+D+D+ <)
L				
R				
A001 10600 10900			25739	
A00 10900 11200			25740	
/ SP7 11200 11650	Block to dark green aphanitic mafic dyke – Some frgts at 114. m m – Disseminate pyrite and pyrite with qtz flooding.		MFDY	P+ (+Q)D+D+ V)
L				
R				
A001 11200 11500			25741	
A001 11500 11800			25742	

UNIQUE ID OF PROJECT	DRILL HOLE/TRAVERSE	SIZE OF CORE	LOGGED	BY	DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN 6B0201													07	

S	DRILL COORD SYSTEM UNITS →	M/F	TOTAL DEPTH/LENGTH	AZM	V ANG	NORTHING	EASTING	ELEVATION
		T	.	.	.	.	.	.

GRAPHIC LOG

ROCK TYPE · STRUCTURES · FRACTURES · MINERALIZATION ALTERATION · OPEN



PLACER DOME INC.
DRILL LOG FORM 4

MBG - JULY 90

HORIZON FLAG / ZONE FLAG · FROM · TO (cols 1–16) · RECOV. · T-MOD · % MIX · ROCK · VEINS (S M L tot) · RQD · CS · FRACTURES (S M L tot)

DEFINED MINERAL FIELDS (57–76): KF SI CL EP PI HG XX CP P2 PN · MS CB HE CY PR LI XX QZ ML HE · OPEN FIELDS (77–80): XXYY

DESCRIPTIVE REMARKS

1–4	FROM	TO	DESCRIPTIVE REMARKS	RECOV (18–20)	SAMPLE No. (21–26)		Defined mineral fields
A00							
/	11650	12400	Breccia frgts are generally small		BRxx		P2 C+Q+D+D+
L			some qtz mag. patches –				<+
A001	11800	121 0	Qtz flooding at 124m with patches of pyrite		25743		
A001	12100	12400			25744		
			123.8 -124.2 bx mafic dyke with massive qtz flooding with mag and				
/	12400	12700	pyrite –		BR-	BRxx	P2F2C+Q+D+D+
L							<)
A001	12400	12700			25745		
			@127.0 30° dip shear zone – with Qtz veins up 5 cm. wide diss. pyrite – bleached breccia on hanging wall – Sealed –				
/	12700	13300	129-130 – Brecciated QzVein, pyrite		BR	BRxx	P2F1C=Q+D+D)
L			veins – Black fine grained diorite or pyrite veins – Sealed –				<)
A001	12700	13000			25746		
A001	13000	13300			25747		
/	13300	13600	Most of frgts are dark green; volcanic		BR	BRxx	F1C=Q) D+D)
L			rocks – and matrix is medium gr-				<)
R			monzonitic no K-spar – Qtz, pyrite				
R			flooding between frgts				
A001	13300	13600			25748.		
			Brecciated f. gr. mons at C/T				
/	13600	13900	Qtz flooded with massi.. pyrite veins		BR	MFDY	P1F3C=Q1D1
			steep – Black aphanitic – Mafic Dike? or border phase?				<)
A001	136	13900			25749.		

PLACER DOME INC.
DRILL LOG FORM 4

MBG - JULY 90

IDEN 6B0201 — PAGE 08 OF

GRAPHIC LOG: 139, 142, 145, 148, 151 (depth marks); QPy, QEKPy, QCS, QEP, QEPy, QEs; E.O.H. 150.3; MED. GR. MONZONITE (margin); Felds por. P.P. (margin)

DESCRIPTIVE REMARKS

Flag / Code	From	To	Descriptive Remarks	Recov / Sample No. / Rock	Defined Mineral Fields
A00					
/	13900	14200	@1403. C/T Mafic dyke with mod. grained	MZDI	E1F2C+Q1V=D+
L			mons. Mafic dyke has mostly Qtz and pyrite V		<)
R			Qtz.epid, K-spar pyrite vein at C/T.		
R			Monzo - Diorite - 10 % mafic mineral + 3% diss		
A001	13900	14200	pyrite -	25750	
/	14200	14500	Monzo-Dior, f gr to med grained is flooded	MZDI	E1F2C+Q1V=D+
L			in part by Qtz pyrite, epidote -		<).
A001	14200	14500		25751	F3C+Q1D=D+
/	14500	14800	Brecciated Monzodiorite with some	BR MZDI	<)
L			exotic frags, 1 pink syenite one		
R			volcanic, the section is flooded		
R			with qtz epidote pyrite -		
A001	14500	14800	Most frgts are monzonitic, however -	25752.	
/S23.	14800	15030	some syenite and volc. frags -	BR BRxx	P1F2C+Q1V=D
L			Qtz epidote, pyrite flooding -		<)
A001	14800	15030	~~Qtz~~ Feldspar porphyry at end of hole -	25753.	
			high pyrite		

PLACER DOME INC.
SHEAR PROPERTY-Geotechnical Data Coding Form

DDH# 92-2
Logged By P. WATT

Date: Sept / 14 /1992

Flag	Sample From	Interv to	Samp No.	Samp Length	Recov Length	Recov %	RQD Length	RQD %	CS Hard	Frac 0-30	PerM 0-30	Frac 30-60	PerM 30-60	Frac 60-90	PerM 60-90	PerM Total	Remarks
A002	7.0	9.8		2.80	2.51		.22		R3	2		20		6			90% BL Missed Block 7.9
A002	9.8	11.0		1.20	1.18		.12		R3	3		11		2			90% BL
A002	11.0	12.5		1.50	1.70		.65		R3	4		9		1			65% BL
A002	12.5	15.5		3.0	3.07		2.49		R3	2		10		3			5% BL solid
A002	15.5	18.6		3.1	3.0		2.39		R3	5		7		5			1% BL solid
A002	18.6	20.1		1.5	1.81		.63		R3	1		13		2			20% BL
A002	20.1	23.0		2.9	2.81		1.85		R3	2		16		6			10% BL solid
A002	23.0	26.1		3.1	3.20		1.85		R3	5		12		1			5% BL solid
A002	26.1	29.3		3.2	3.15		1.92		R3	5		13		6			5% BL solid
A002	29.3	32.3		3.0	3.15		1.90		R3	6		19		5			20% BL
A002	32.3	34.5		2.2	2.10		1.81		R3	2		13		2			75% BL
A002	34.5	36.0		1.5	1.78		.20		R3	8		12		0			75% BL
A002	36.0	39.6		3.6	3.90		1.10		R3	9		22		5			45% BL
A002	39.6	42.7		3.1	3.14		2.15		R3	2		13		3			15% BL
A002	42.7	45.7		3.0	3.0		1.50		R3	3		6		4			40% BL Missed Block 45.1
A002	45.7	47.3		1.6	1.51		.36		R3	4		13		2			75% BL Missed Block 46.0
A002	47.3	49.1		1.8	1.90		0		R3	2		13		8			90% BL Missed Block 48.0
A002	49.1	51.7		2.60	2.40		1.37		R3	6		11		4			25% BL Missed Block 50.1
A002	51.7	55.0		3.3	3.10		.18		R3	13		18		4			80% BL Missed Block 53.0-54.0
A002	55.0	56.4		1.4	1.65		.22		R4	3		12		2			50% BL
A002	56.4	59.6		3.2	3.15		2.49		R4	1		8		2			1% BL solid
A002	59.6	62.0		2.4	2.65		1.17		R4	3		17		3			5% BL solid
A002	62.0	64.9		2.9	2.80		1.72		R3	2		10		3			1% BL solid
A002	64.9	68.0		3.1	1.84		1.36		R3	5		24		3			25% BL
A002	68.0	71.0		3.0	3.20		1.20		R3	4		16		8			30% BL
A002	71.0	73.3		2.3	3.00		.14		R3	6		14		7			98% BL Missed Block 72.3
A002	73.3	75.3		2.0	2.37		.34		R3	7		20		2			80% BL Missed Block 73.9
A002	75.3	78.0		2.7	3.40		.83		R3	7		13		3			40% BL Missed Block 76.5

Do Not fill in shaded areas

PLACER DOME INC.
SHEAR PROPERTY-Geotechnical Data Coding Form

DDH# 92-2
Logged By P. WATT

Date: Sept/14/1992

Flag	Sample From	Interv to	Samp No.	Samp Length	Recov Length	Recov %	RQD Length	RQD %	CS Hard	Frac 0-30	PerM 0-30	Frac 30-60	PerM 30-60	Frac 60-90	PerM 60-90	PerM Total	Remarks
A002	78.0	81.1		3.10	3.20		1.20		R3	3		16		0			30% BL Missed Block 80.6
A002	81.1	83.4		2.30	2.60		.51		R3	7		13		0			70% BL Missed Block 82.3
A002	83.4	85.2		1.80	1.70		.41		R3	9		21		1			70% BL Missed Block 84.5
A002	85.2	87.0		1.80	1.80		.58		R3	2		9		4			40% BL
A002	87.0	88.9		1.90	2.20		.71		R3	3		20		5			50% BL
A002	88.9	90.2		1.30	1.60		.70		R3	9		6		0			10% BL solid
A002	90.2	93.0		2.80	2.47		.97		R3	7		11		1			40% BL
A002	93.0	96.0		3.0	3.12		1.19		R3	3		10		3			10% BL solid
A002	96.0	99.1		3.10	3.30		.80		R3	9		14		4			40% BL
A002	99.1	102.3		3.20	3.20		.73		R3	16		11		2			30% BL Missed Block 100.0
A002	102.3	105.5		3.20	3.11		1.12		R3	2		18		1			3% BL
A002	105.5	107.3		1.80	2.1		.80		R3	6		12		0			55% BL
A002	107.3	110.7		3.40	3.25		1.42		R3	3		16		1			30% BL
A002	110.7	112.0		1.30	1.77		.49		R3	5		12		6			90% BL Missed Block 111.1
A002	112.0	115.2		3.20	3.26		.40		R3	2		26		13			70% BL
A002	115.2	117.7		2.50	2.45		1.25		R3	4		10		2			5% BL
A002	117.7	120.6		2.90	3.10		1.66		R3	8		6		3			5% BL solid
A002	120.6	123.0		2.40	2.63		1.62		R3	3		3		9			15% BL
A002	123.0	126.2		3.20	3.22		2.29		R3	3		11		4			5% BL solid
A002	126.2	129.6		3.40	3.50		.83		R3	5		25		5			30% BL Missed Block 127.0
A002	129.6	131.1		1.50	1.65		.32		R3	3		14		1			30% BL
A002	131.1	134.1		3.0	2.90		1.38		R3	3		13		3			1% BL solid
A002	134.1	137.2		3.1	3.15		1.62		R3	6		10		5			1% BL solid
A002	137.2	140.2	-	3.0	1.95		1.11		R3	1		11		8			5% BL solid
A002	140.2	143.0	-	2.8	4.10		1.20		R3	12		34		6			75% BL
A002	143.0	144.2		1.2	1.30		.10		R3	4		12		2			80% BL
A002	144.2	148.2		4.0	4.05		2.24		R3	9		18		7			35% BL Missed Block 145.1
A002	148.2	150.3		2.1	2.2		.50		R3	3		21		2			40% BL END of Hole

Do Not fill in shaded areas

ECO-TECH LABORATORIES LTD.

ASSAYING · ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy Kamloops, B C V2C 2J3 (604) 573-5700 Fax 573-4557

OCTOBER 1, 1992

CERTIFICATE OF ASSAY ETK 92-514

DDH 92-2

PLACER DOME INC.
1440 HUGH ALLAN DRIVE
KAMLOOPS, B.C.

ATTENTION: ROB PEASE

SAMPLE DESCRIPTION: 49 CORE SAMPLES received SEPTEMBER 22, 1992
PROJECT: 304

ET#	DESCRIPTION	CU (%)
43-	25748	.11
45-	25750	.14
48-	25753	.12
49-	25773	.21
		.14

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer

SC92/PLACER1

DDH 92-2

ECO-TECH LABORATORIES LTD.
10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

PLACER DOME ETK 92-514
401, 1540 PEARSON PLACE
KAMLOOPS, B.C.
V1S 1J9

SEPTEMBER 30, 1992

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: # 304
49 CORE SAMPLES RECEIVED SEPTEMBER 22, 1992

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
1 -	25706	55	<.2	1.08	10	2	30	<5	1.73	<1	15	29	410	4.08	.08	<10	.92	382	2	.02	7	1240	<2	5	<20	29	.11	<10	104	<10	11	28
2 -	25707	70	<.2	1.04	10	2	35	<5	3.23	<1	21	19	563	4.56	.08	<10	1.09	568	1	.01	6	1150	<2	<5	<20	53	.08	<10	94	<10	10	31
3 -	25708	105	<.2	1.17	10	2	35	<5	2.03	<1	20	34	839	4.76	.09	<10	1.28	488	14	.02	9	1250	<2	5	<20	31	.11	<10	95	<10	10	33
4 -	25709	55	<.2	1.84	10	2	55	<5	2.58	<1	17	36	517	5.46	.40	<10	2.27	709	8	.02	15	1470	<2	10	<20	48	.15	<10	164	<10	12	52
5 -	25710	75	<.2	1.22	5	2	35	<5	3.09	<1	25	20	574	5.49	.06	<10	1.47	628	17	.01	8	1360	<2	<5	<20	43	.09	<10	88	<10	8	36
6 -	25711	45	<.2	1.32	10	2	35	<5	2.34	<1	28	12	460	6.09	.10	<10	1.40	570	11	.02	8	1620	4	10	<20	33	.14	<10	132	10	13	49
7 -	25712	155	<.2	1.66	5	2	60	<5	2.51	<1	23	34	670	5.51	.64	<10	1.96	679	21	.03	14	1500	2	10	<20	38	.18	<10	164	<10	14	47
8 -	25713	35	<.2	2.04	5	2	75	<5	2.87	<1	39	74	435	7.25	.79	<10	2.51	811	15	.03	26	1710	2	10	<20	40	.20	<10	201	<10	14	63
9 -	25714	35	<.2	1.70	10	2	70	<5	4.44	<1	27	34	551	5.66	.56	<10	2.14	864	14	.01	15	1670	4	10	<20	82	.14	<10	152	<10	14	52
10 -	25715	30	1.0	1.41	15	6	80	<5	6.59	<1	18	32	205	5.43	.47	<10	2.52	1175	7	.01	15	1530	8	15	<20	167	.05	<10	113	<10	9	50
11 -	25716	25	<.2	1.71	5	2	170	<5	4.68	<1	16	54	117	4.35	.78	<10	2.41	924	3	.01	19	1690	4	5	<20	169	.12	<10	159	<10	12	44
12 -	25717	35	<.2	.83	15	4	45	<5	3.92	<1	15	18	289	3.86	.15	<10	1.42	621	12	.01	7	970	<2	5	<20	103	<.01	<10	55	<10	3	23
13 -	25718	40	<.2	1.35	10	4	55	<5	4.16	<1	27	38	657	6.09	.16	<10	1.55	721	23	.02	11	1570	6	<5	<20	128	.08	<10	130	<10	10	46
14 -	25719	30	<.2	1.29	15	6	50	<5	5.65	<1	24	89	449	5.97	.33	<10	1.80	872	24	.01	22	1450	4	5	<20	130	.02	<10	108	<10	6	52
15 -	25720	50	<.2	1.35	10	4	45	<5	5.10	<1	23	20	522	6.06	.13	<10	1.42	761	22	.01	8	1580	6	5	<20	117	.05	<10	113	<10	8	45
16 -	25721	35	<.2	1.29	5	2	35	<5	4.11	<1	25	35	428	5.52	.05	<10	1.56	765	23	.01	11	1660	2	10	<20	55	.12	<10	133	<10	13	48
17 -	25722	80	<.2	1.43	15	4	45	<5	5.19	<1	24	36	755	5.68	.10	<10	1.59	910	13	.01	10	1520	6	5	<20	96	.09	<10	130	<10	11	50
18 -	25723	35	<.2	1.48	5	2	45	<5	4.03	<1	24	37	502	5.45	.17	<10	1.83	777	4	.01	13	1640	4	10	<20	69	.12	<10	138	<10	12	47
19 -	25724	35	<.2	1.25	10	4	35	<5	3.78	<1	22	27	415	5.21	.10	<10	1.16	616	9	.01	7	1500	6	5	<20	52	.09	<10	120	<10	10	40
20 -	25725	20	<.2	1.30	5	2	40	<5	2.68	<1	26	28	306	5.46	.07	<10	1.30	539	3	.02	12	1640	8	5	<20	35	.15	<10	140	<10	13	45
21 -	25726	20	<.2	1.26	5	2	35	<5	4.08	<1	44	29	240	5.27	.05	<10	1.34	733	4	.01	9	1540	6	5	<20	54	.09	<10	112	<10	10	40
22 -	25727	40	<.2	1.08	10	2	80	<5	4.13	<1	16	17	273	4.75	.10	<10	1.25	729	2	.01	6	1530	4	5	<20	87	.08	<10	108	<10	11	47
23 -	25728	135	.2	.80	10	2	40	<5	4.56	<1	26	26	857	4.77	.15	<10	1.37	843	4	.01	8	1460	4	10	<20	102	.04	<10	65	<10	8	42
24 -	25729	125	<.2	1.34	5	2	35	<5	2.66	<1	25	36	639	5.23	.03	<10	1.58	628	2	.01	13	1560	6	5	<20	34	.15	<10	127	<10	12	46
25 -	25730	115	<.2	1.34	5	2	35	<5	3.11	<1	22	33	625	5.59	.06	<10	1.52	636	2	.01	12	1430	8	10	<20	34	.17	<10	141	<10	14	49

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
26 -	25731	190	<.2	1.19	10	2	55	<5	2.96	<1	33	20	872	5.61	.04	<10	1.21	549	6	.01	8	1520	8	5	<20	50	.13	<10	114	<10	11	43
27 -	25732	225	<.2	1.32	10	2	40	<5	2.55	<1	28	25	712	5.07	.04	<10	1.36	480	5	.01	10	1480	10	10	<20	38	.17	<10	116	10	14	43
28 -	25733	260	<.2	1.13	10	2	35	<5	3.22	<1	30	16	631	5.63	.05	<10	1.09	547	5	.01	7	1700	8	5	<20	37	.13	<10	133	<10	12	44
29 -	25734	140	<.2	1.12	10	2	45	<5	3.72	<1	25	21	706	5.52	.07	<10	1.02	563	2	.01	7	1570	10	5	<20	43	.12	<10	127	<10	12	46
30 -	25735	175	<.2	1.07	10	2	55	<5	2.32	<1	17	29	574	4.92	.05	<10	1.06	441	1	.01	9	1560	10	5	<20	37	.12	<10	119	<10	11	48
31 -	25736	95	<.2	1.18	10	2	45	<5	3.75	<1	21	22	582	4.91	.13	<10	1.27	560	2	.01	10	1650	8	5	<20	48	.13	<10	120	<10	14	45
32 -	25737	180	<.2	1.22	5	2	70	<5	2.48	<1	27	20	745	5.29	.07	<10	1.22	444	3	.01	10	1690	12	10	<20	46	.10	<10	116	<10	10	52
33 -	25738	100	<.2	1.06	5	2	65	<5	2.03	<1	24	29	506	5.11	.04	<10	.99	407	5	.01	9	1630	10	5	<20	34	.10	<10	115	10	10	45
34 -	25739	135	<.2	1.15	10	2	45	<5	2.55	<1	22	21	493	5.17	.06	<10	1.05	476	2	.01	9	1630	12	5	<20	30	.14	<10	135	<10	13	47
35 -	25740	120	<.2	1.10	20	2	60	<5	4.41	<1	25	28	495	5.25	.12	<10	1.20	688	4	.01	9	1610	14	10	<20	55	.08	<10	117	20	10	67
36 -	25741	105	<.2	1.29	15	2	45	<5	3.38	<1	23	7	507	4.41	.12	<10	1.49	497	4	.01	5	1180	<2	5	<20	59	.09	<10	103	<10	10	24
37 -	25742	150	<.2	1.29	5	2	45	<5	2.04	<1	21	33	909	6.19	.07	<10	1.23	439	4	.02	12	1730	16	5	<20	31	.15	<10	112	<10	13	59
38 -	25743	160	<.2	1.16	<5	2	50	<5	2.93	<1	34	28	763	6.76	.07	<10	1.10	490	8	.01	9	1770	10	5	<20	38	.11	<10	113	<10	10	48
39 -	25744	125	<.2	1.26	10	2	50	<5	2.53	<1	38	30	537	6.81	.05	<10	1.24	501	8	.01	8	1650	12	5	<20	35	.14	<10	125	<10	11	49
40 -	25745	135	<.2	1.12	5	4	55	<5	4.69	<1	35	20	548	6.56	.10	<10	1.56	616	6	.01	12	1380	8	10	<20	76	.10	<10	103	<10	10	47
41 -	25746	160	<.2	1.41	15	6	60	<5	5.01	<1	31	19	527	6.42	.20	<10	1.54	645	7	.01	11	1470	12	10	<20	105	.06	<10	110	<10	8	55
42 -	25747	175	<.2	1.11	10	2	50	<5	3.36	<1	39	25	697	6.73	.06	<10	1.15	536	5	.01	7	1530	10	5	<20	38	.10	<10	117	<10	10	51
43 -	25748	150	<.2	1.14	10	2	25	<5	2.50	<1	50	14	1492	9.93	.02	<10	1.37	390	9	.01	8	1520	<2	5	<20	29	.15	<10	114	<10	11	46
44 -	25749	260	<.2	1.52	35	4	45	<5	4.91	<1	34	21	729	7.25	.10	<10	1.47	610	5	.01	6	1430	16	5	<20	81	.07	<10	103	50	7	62
45 -	25750	205	<.2	1.44	5	2	45	<5	3.55	<1	44	3	1143	8.94	.06	<10	1.56	473	7	.01	7	1930	6	10	<20	54	.16	<10	130	<10	12	46
46 -	25751	210	<.2	1.65	5	2	40	<5	3.47	<1	23	7	777	5.83	.09	<10	1.74	495	22	.02	6	1570	<2	5	<20	70	.13	<10	126	<10	14	28
47 -	25752	190	<.2	1.54	15	2	40	<5	2.91	<1	29	23	855	6.57	.09	<10	1.77	464	6	.02	7	1300	2	5	<20	33	.17	<10	135	<10	13	29
48 -	25753	135	<.2	2.09	20	4	35	<5	5.44	1	30	32	1162	6.88	.18	10	2.14	597	4	.02	11	1250	<2	10	<20	109	.11	10	122	<10	14	30
49 -	25773	240	.2	1.74	10	2	45	<5	3.05	<1	33	27	1929	5.66	.07	<10	2.03	719	2	.02	12	1500	<2	5	<20	41	.15	<10	129	<10	15	32

NOTE: < = LESS THAN

70 - 150 m
80 m

.16% ppm Ag
.08 % Cu
.24 eq.

ECO-TECH LABORATORIES LTD.
FRANK J. PEZZOTTI, A.Sc.T.
B.C. Certified Assayer