PLACER DOME INC.
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V6A 1C4

FAX NBR (604) 661-3797
OPERATOR (604) 661-3790

860858
KNUT

FACSIMILE TRANSMITTAL
TO FAX NUMBER:

Country (604) Area 828-8766 Number

Number of Pages including this page (5)

TO: PDI - KAMLOOPS
ATTENTION: R. PEASE

FROM: G. MARKLE
DATE: MAY 16, 1990

At destination please copy:

At origin please copy:

REFERENCE: FINAL RESULTS - P0326

KNUT

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V250 KNUT DATE: 90:05:16

PDI lab data file: P0326
AREA: KNUT
MAPSHEET NO: 92I9
VENTURE: V250
GEOLOGIST: R PEASE
LAB PROJECT NO: 0326

PLEASE DISTRIBUTE RESULTS TO: R PEASE
B. HODGSON M. GAREAU E. KIMURA E. GONZALEZ-URIEN

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK	USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3		4HRS	0.2-20	A.A. BACKGROUND COR
AU1	PPB	10.0	AQUA REGIA		3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3		4HRS	2-4000	ATOMIC ABSORPTION
MO	PPM	0.5	HCLO4/HNO3		4HRS	1-1000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V250 KNUT PAGE: 1

GRID	SAMPLE	PROJECT	Ag PPM	Au1 PPB	Cu PPM	Mo PPM
92I9	54307	0326	0.4	<5	500	1
92I9	54308	0326	0.2	<5	316	<1
92I9	54309	0326	0.4	15	96	1
92I9	54310	0326	0.4	5	330	<1
92I9	54311	0326	0.2	<5	126	1
92I9	54312	0326	0.2	<5	100	1
92I9	54313	0326	0.3	<5	87	2
92I9	54314	0326	0.2	<5	72	<1
92I9	54315	0326	0.2	<5	56	1
test	STD P1	0326	0.3		24	51
92I9	54316	0326	0.3	<5	57	1
92I9	54317	0326	0.2	<5	33	1
92I9	54318	0326	0.2	5	21	3
92I9	54319	0326	0.2	<5	56	2
92I9	54320	0326	<0.2	<5	60	3
92I9	54321	0326	0.2	<5	43	<1
92I9	54322	0326	0.2	<5	22	3
92I9	54323	0326	<0.2	<5	26	3
92I9	54324	0326	0.2	5	132	1
92I9	54324*	0326	0.2	<5	136	2
92I9	54325	0326	0.2	<5	96	2
92I9	54326	0326	0.3	<5	560	1
92I9	54327	0326	0.2	<5	193	1
92I9	54328	0326	0.2	<5	275	1
92I9	54329	0326	0.3	<5	332	1
92I9	54330	0326	0.2	<5	82	<1
92I9	54331	0326	<0.2	<5	87	2
92I9	54332	0326	0.2	<5	23	2
92I9	54333	0326	0.5	<5	85	3
92I9	54333*	0326	0.5	<5	82	2
92I9	54334	0326	<0.2	<5	96	2
92I9	54335	0326	<0.2	<5	35	1
92I9	54336	0326	0.2	<5	28	3
92I9	54337	0326	0.2	<5	81	3
92I9	54338	0326	0.2	<5	267	2
92I9	54339	0326	0.3	<5	370	1
92I9	54340	0326	0.3	<5	176	1
92I9	54341	0326	0.3	<5	103	2
92I9	54342	0326	0.3	<5	55	<1
92I9	54342*	0326	0.3	<5	54	1
92I9	54343	0326	<0.2	<5	157	<1
92I9	54344	0326	0.2	<5	142	1
92I9	54345	0326	<0.2	<5	90	1
92I9	54346	0326	0.3	15	360	1
92I9	54347	0326	<0.2	15	247	<1
92I9	54348	0326	0.2	5	118	<1
92I9	54349	0326	<0.2	15	85	<1
92I9	54350	0326	<0.2	5	151	<1
92I9	54351	0326	0.8	100	250	9
92I9	54351*	0326	0.8	110	251	8
92I9	54352	0326	0.4	<5	460	1

PDI GEOCHEM SYSTEM: Data From: V250 KNUT PAGE: 2

GRID	SAMPLE	PROJECT		Ag PPM	Au1 PPB	Cu PPM	Mo PPM
92I9		54353	0326	0.3	10	500	1
92I9		54354	0326	<0.2	15	237	2
92I9		54355	0326	<0.2	10	86	1
92I9		54356	0326	<0.2	10	65	2
92I9		54357	0326	<0.2	10	62	3
92I9		54358	0326	0.2	<5	37	2
92I9		54359	0326	0.2	<5	28	2
92I9		54360	0326	0.2	<5	16	2
test	STD P1		0326	0.3		23	48
92I9		54361	0326	<0.2	<5	24	2
92I9		54361*	0326	<0.2	5	26	3
test	STD AU6		0326		370		
test	STD AU6		0326		350		

END OF LISTING - 64 RECORDS PRINTED Run on: 90:05:16 at 9:25:20

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	15	0	0	0	55
AU1	0	40	0	0	0	55
MO	0	11	0	0	0	55

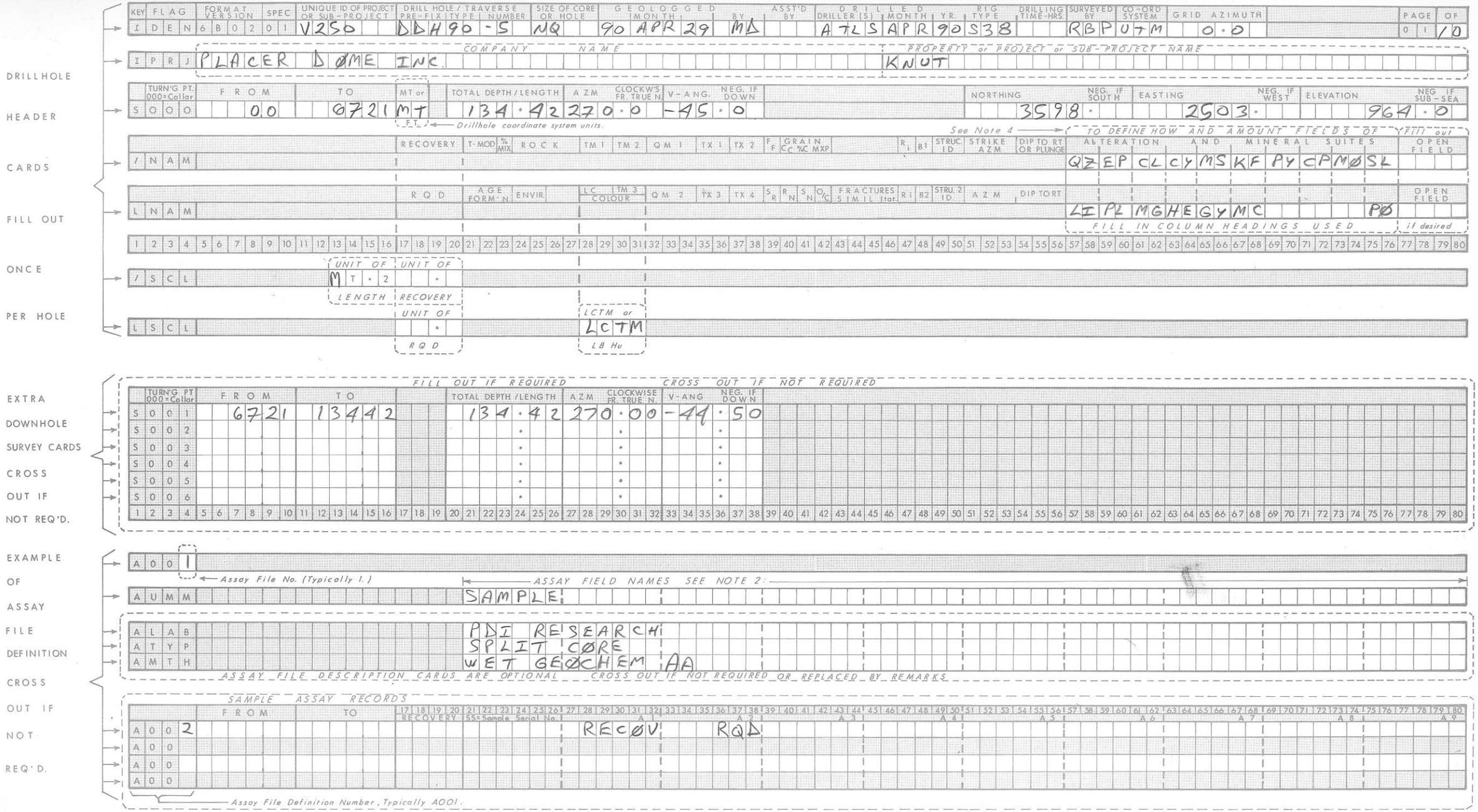
9 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V250 KNUT

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	55	0	92I9	92I9		
SAMP	0	55				
PROJ	55	0	0326	0326		
AG	55	0	0.10	0.80	0.22	0.12
AU1	55	0	2.50	100.00	6.18	13.47
CU	55	0	16.00	560.00	148.95	139.19
MO	55	0	0.50	9.00	1.59	1.32

END OF SCAN: DATE: 90:05:16 time: 9:25:20 55 RECORDS PROCESSED

PLACER DEVELOPMENT LIMITED GEOLOG DRILLHOLE HEADER FORM



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 SOOO 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. - SEPT., 1984.

PLACER
DOME INC.
(Geolog Form 2)

FORMAT INFORMATION ONLY — DO NOT KEYPUNCH

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D. DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE OF
IDEN6B0201 Y250	DDH90-5		MA		APR	90						02 10

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

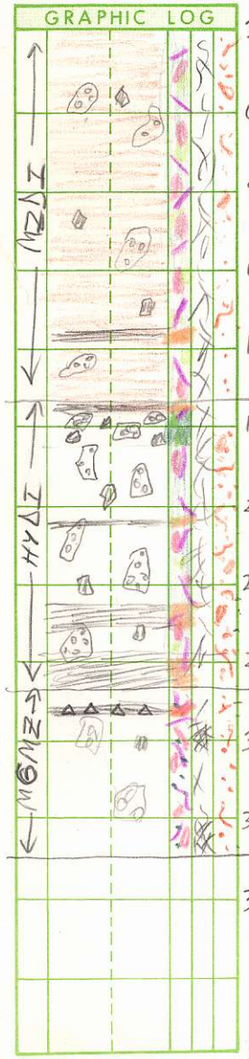
S

	HORIZON FLAG	FROM	TO	RECOVERY	T-MOD	% MIX	ROCK	TM-1	TM-2	QM 1	TX 1	TX 2	F_F	GRAIN C_c	% C_{MAX}	R_i	B1	STRUC ID	STRIKE AZM	DIP TO RT OR PLUNGE	FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS	OPEN FIELD
1	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23		24 25 26 27	28 29 30 31		32 33 34	35 36 37 38		39 40 41 42			43 44 45 46	47 48	49 50	51 52 53	54 55 56		77 78 79 80
/																					QZEPCLCYMSKFPYCPMØSL	
	ZONE FLAG			RQD	AGE FORM'N		ENVIR	LC LB	TM 3 HU	QM 2	TX3	TX4	S_R	R_N	S_H	% FRACTURES S M L tot	Ri	B2	STRUC2 I.D	AZM	DIP TO RT		OPEN FIELD
L																					LIPLMGHEGYMC PØ	

	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23	24 25 26 27	28 29 30 31	32 33 34 35 36 37 38	39 40 41 42	43 44 45 46 47 48	49 50 51 52 53 54	55 56 57 58 59 60	61 62 63 64 65 66 67 68	69 70 71 72 73 74 75 76	77 78 79 80
				RECOVERY	SS=Sample Serial No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	
A	0 0														

ROCK TYPE | STRUCTURE | ALTERATION | FRACTURES | MINERALIZATION

GRAPHIC LOG



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PLACER
DOME INC.
(Geolog Form 2)

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D. DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201 V250	DDH90-5		MD		APR	90						03	10

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

FORMAT INFORMATION ONLY — DO NOT KEYPUNCH

	HORIZON FLAG	FROM	TO	RECOVERY	T-MOD	%MIX	ROCK	TM-1	TM-2	QM 1	TX 1	TX 2	F_F	GRAIN cc/%cc/MXP	R_i	Bi	STRUC. ID	STRIKE AZM	DIP TO RT OR PLUNGE	FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS	OPEN FIELD
1	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23	24 25 26 27	28 29 30 31	32 33 34	35 36 37 38	39 40 41 42	43 44 45 46	47 48	49 50	51 52 53	54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
/																				QZEPCLCYMSKFPYCPMOSL	
	ZONE FLAG			RQD	AGE FORM'N	ENVIR	L C / L B	TM 3 / HU	QM 2	TX 3	TX 4	S_R	R_N	S_H	O%	FRACTURES S M L tot	Ri	B2	STRUC2 I.D	AZM	DIP TO RT		OPEN FIELD
L																LIPLMGHEGYMC						PØ	

	RECOVERY	SS = Sample Serial No.	A1	A2	A3	A4	A5	A6	A7	A8	A9
A	0 0										

GRAPHIC LOG

ROCK TYPE | STRUCTURE | ALTERATION FRACTURES MINERALIZATION

FGΔI — MGMZ — FGMZ — FGΔI

34 · 37 · 40 · 41.46 · 43 · 44.50 · 46 · 49 · 52 · 54.29 · 55 · 58 · 61 · 64 · 67 · 70

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PLACER
DOME INC.
(Geolog Form 2)

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D. DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201 V250	DDH96-5		ML		APR	90						04	10

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

S

	HORIZON FLAG	FROM	TO	RECOVERY	T-MOD	% MIX	ROCK	TM-1	TM-2	QM 1	TX 1	TX 2	F_F	GRAIN c c l % c MAX P	R_i	B1	STRUC ID	STRIKE AZM	DIP TO RT OR PLUNGE	FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS	OPEN FIELD
1	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23		24 25 26 27	28 29 30 31		32 33 34	35 36 37 38		39 40 41 42		43 44 45 46 47	48	49 50	51 52 53	54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
/																				QZEPCLCYMSKFPYCPMØSL	
	ZONE FLAG			RQD	AGE FORM'N		ENVIR	LC LB	TM 3 HU	QM 2	TX 3	TX 4	S_R	R_N	S_H	%	FRACTURES S M L tot	Ri	B2	STRUC 2 ID	AZM	DIP TO RT		OPEN FIELD
L																				∠IPLMGHEGYMC	PØ

	RECOVERY	SS = Sample Serial No.	A1	A2	A3	A4	A5	A6	A7	A8	A9
A	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	17 18 19 20	21 22 23	24 25 26 27 28 29 30 31	32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	49 50 51 52 53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80			
0											

ROCK TYPE | STRUCTURE | ALTERATION FRACTURES MINERALIZATION | DO NOT KEYPUNCH | FORMAT INFORMATION ONLY

GRAPHIC LOG

| | | | | | | | | | | | | | | | | | | |

PLACER DOME INC.

(Geolog Form 2)

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D. DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201 V250	DDH90-5		MD		APR	90						05	16

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

S

FORMAT INFORMATION ONLY — DO NOT KEYPUNCH

ROCK TYPE — STRUCTURE — ALTERATION Fractures MINERALIZATION

HORIZON FLAG | FROM | TO | RECOVERY | T-MOD | % MIX | ROCK | TM-1 | TM-2 | QM 1 | TX 1 | TX 2 | FF | GRAIN cc | GRAIN %cc/MXP | Ri | B1 | STRUC I.D. | STRIKE AZM | DIP TO RT OR PLUNGE | FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS | OPEN FIELD

1 / Q Z EP CL CY MS KF PY CP MØ SL

ZONE FLAG | RQD | AGE FORM'N | ENVIR | LC LB | TM 3 HU | QM 2 | TX 3 | TX 4 | SR | RN | SH | O/C | FRACTURES S I M L tot | Ri | B2 | STRUC 2 I.D. | AZM | DIP TO RT | OPEN FIELD

L LI PL MG HE GY MC PØ

A0 0 — RECOVERY | $$ = Sample Serial No. | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9

GRAPHIC LOG

/ 95.80 10043 PPΔIPGHBXE+PPEF P << P)Ø=Ø)<) Q1Δ+
L AUKF SWXE 1335 FZ <=

R LIGHT GREYISH-BROWN UNIT OF FINE-GR'D, MICRO PORPHYRITIC DIORITE W. PHENO'S OF PLAG/K-SPAR, SOME
R PART'LY EPIDOTIZED
R XENO'S ARE SCARCE BUT DO RANDOMLY OCCUR AS MED-GR'D DIORITE, LARGELY EPIDOTIZED & SMALLER SCATTERED
R ANGULAR FRAGS OF VOLC. (up to 1.5cm)
R ALT. IS WEAK & FRACT. IS LOW, MOST FRACT. ARE FILLED W. GY W. MINOR PY
R PY OCCURS MAINLY AS FINELY DISS. x-TALS
R 99.73 - 100.43 : SECTION OF COARSER PORPH. TEXT.
R 100.33 - 100.43 : HIGHLY CLAY-ALT'D FAULT GOUGE

/ 100.43 104.24 FGΔIPGHBXE=EFSW P << <+E+P+<) Q+<=
L 4AQZKF)XE 2346 <= <=

R GREY-BROWN TO DARKER GRAY FINE-GR'D EQUIV. OF DIORITE?
R HEAVILY FRACT'D & MINERALIZED W. PY MICROVEINS & DISS W. LESSER MAGN. PY & MG ARE DIRECT'LY ASSOC.
R FEW SCATTERED XENO'S OF MED-GR'D INTRUSIVE & ANGULAR VOLC. W. EP. ALT. EPI ALSO OCCUR AS ENV.
R TO FRACT. ZONES. GY SHEETING OCCURS THROUGHOUT, W. LESSER QZ VEINLETS (W. ASSOC. PY)
R K-SPAR OCCUR AS PERV. FLOODING IN SOME FRACT. ZONES

/ 104.24 108.88 MGΔIPGHBXE) EMSW P << P)E)Q+<+ Q3<+
L RAQZ XEPA 1435 FZ <=

R SIMILAR INTERV. TO 92.65 - 95.80
R MED-GR'D, REDDISH BROWN-GREY INTRUSIVE OF DIORITIC COMP. CHARACT'D BY ABUNDANT PATCHY KF-ALT FLOODING
R (FRACT CONTROLLED)
R ALT ALSO DISPLAYED BY EP. ENV. & PATCHES (MINOR) + SOME CHLOR. ALT. OF MAFIC MINS THROUGHOUT
R STOCKWK OF GY VEINLETS (BROWN TRANSPARENT, WHITE TO PINK)
R CLAY ALT. OCCURS IN NARROW FRACT. ZONE (FAULT GOUGE) AT BEGIN + END OF INTERV.
R PY OCCURS AS MICROVEIN ALONG W. GY & LESSER, FINELY DISS x-TALS
R A FEW SCATTERED ANGULAR VOLC. XENO'S OCCUR IN UNIT

/ 108.88 112.56 MGΔIPGHBKF=KRSW P << P) <*G1 Q+<=
L 5AQZXE+XEPA 2435 FZ <=

R FINE-MED GR'D, GREYISH INTRUS. OF DIORITIC COMP. CHARACT'D BY INTENSE FRACT'G, FAULT GOUGING
R A PATCHY TEXT. APPEARS IN AREAS WHERE IT IS DIFFICULT TO DIFFERENTIATE W. XENO'S
R ALT. IS MAINLY CLAY IN FRACT. ZONES W. MINOR CHLOR ALT. IN FRACT. & PERV.; K-SPAR FLOODING OCCUR LOCALIZED
R PY IS ABUNDANT AS VEINLETS & LESSER AS DISS (≤4-5%)
R GY VEINLETS OCCUR IRREGUR. W. SOME ASSOC. PY
R 111.71 - 112.56 : HIGHLY FRACT'D, REWORKED, CLAY ALT'D ZONE

Notes: End Hole with /END in columns 1-4, Free Form remarks start with R in column 1, Text in columns 28-80.

S = Alpha S O = Zero 2 = Two 1 = One 7 = Seven Ø = Alpha O I or i = Alpha I Z = Alpha Z.

P.L.K. – A.K., Feb. 88

PLACER DOME INC.

(Geolog Form 2)

FORMAT INFORMATION ONLY — DO NOT KEYPUNCH

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D. DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201 V250	DDH90-5		MD		APR	90						06	10

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

S

L

HORIZON FLAG	FROM	TO	RECOVERY	T-MOD	%MIX	ROCK	TM-1	TM-2	QM 1	TX 1	TX 2	FF	GRAIN cc	GRAIN MXP	Ri	B1	STRUC ID	STRIKE AZM	DIP TO RT OR PLUNGE	FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS	OPEN FIELD
1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23		24 25 26 27	28 29 30 31		32 33 34	35 36 37	38	39	40	41 42	43 44 45 46	47 48	49 50	51 52 53	54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
/																				QZ EP CL CY MS KF PY CP MØ SL	
ZONE FLAG			RQD	AGE FORM'N		ENVIR	LC LB	TM 3 HU	QM 2	TX3	TX4	S_R	R_N	S_H	% FRACTURES S M L tot	Ri	B2	STRUC 2 I.D	AZM	DIP TO RT	
L																				LI PL MG HE GY MC CB Pø	OPEN FIELD

1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23	24 25 26 27	28 29 30 31	32 33 34 35	36 37 38 39	40 41 42 43	44 45 46 47	48 49 50 51	52 53 54 55	56 57 58 59	60 61 62 63	64 65 66 67	68 69 70 71	72 73 74 75	76 77 78 79	80
A	0	0	RECOVERY	SS=Sample Serial No.	A1		A2		A3		A4		A5		A6		A7		A8		A9

ROCK TYPE | STRUCTURE | ALTERATION FRACTURES MINERALIZATION

GRAPHIC LOG

1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	33 34 35 36	37 38 39 40	41 42 43 44	45 46 47 48	49 50 51 52	53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76	77 78 79 80

/ 11256 11836 FGDIPGHBXE)EFSW P <<

L GAQZ PA 3447 FZ P) Q) P3<+ <)<+

R FINE-GR'D GREENISH-GRAY INTRUSIVE CHARACT'D BY WELL DEVELOP. STOCKWK OF MICROVEINS ØF GY, & PY W. LOCALIZED

R ENV. & PATCHES OF EP.

R CHLOR. ALT. SEEMS PERV. THROUGHOUT & HEAVIER IN SOME FRACT. ZONES WHERE CLAY ALT. IS COMMON

R PY OCCURS ABUNDANTLY AS VEINLETS, PATCHES & DISS (UP TO 10%)

R 112.56 - 113.76 : INTERV. OF LIGHTER GREEN COLOUR W. HEAVIER FRACT'G & REWORKING W. LOCALIZED PATCHES OF ENV. K-SPAR, PATCHES OF MG(W. PY)

R 116.75 - 118.11 : MORE INTENSE FRACT'G & ALT.

/ 11836 12049 MGDIPGHBXE+EMSW P <<

L RAQZ PABR 3335 FZ P) Q* G+ Q4<+ <1

R MED-GR'D REDDISH-GRAY INTRUSIVE OF DIORITIC COMP. CHARACT'D BY K-SPAR ALT. AS FLOODING & HIGHLY ALT'D FAULT & BRECCIA ZONES

R Similar to INTERV.: 104.24 - 108.08

R STOCKWK OF GY & PY VEINLETS

R SCATTERED ANGULAR VOIDS XENO'S

R PREDOMINANT K-SPAR ALT. AS PATCHES (UP TO 10cm); APPEAR TO BE FRACT. CONTROLLED

R PY OCCURS AS MICROVEINS OFTEN W. GY W. LESSER PATCHES & DISS.

R 118.36 - 118.46 & 119.26 : HIGHLY CLAY-ALT'D FAULT GOUGE

R 118.86 - 118.96 : HIGHLY CLAY-ALT'D BRECCIA ZONE W. K-SPAR FRAGS UP TO 3cm

/ 12049 12543 FGDIPGHBM BREF P <<

L GAQZ PA SW FZ P) <=G3 *1Q1 <1

R FINE-GR'D, LIGHT GREENISH-GRAY INTRUSIVE CHARACT'D BY INTENSE FRACTURING, FAULTING & BRECCIATION ACROSS NUMEROUS SECTIONS

R ALT. IS PREDOMINANTLY CLAY IN FAULT/BRECCIA ZONES

R GY VEINLETS (UP TO 1cm) OCCUR AS STOCKWK W. ASSOC. PY

R PY IS MOST ABUNDANT AS PATCHES IN ZONES OF INTENSE FRACT'G & ALT. (UP TO 3cm) W. LESSER VEINLETS & DISS.

R K-SPAR OCCURS AS CLASTS IN ALT. ZONES

/ 12543 13442 PPDIPGFXXE)PPSW P <<

L 7GHB BREF 2436 FZ P2E=P1G1<=E)<) D+ <) <(

R SIMILAR TO 95.80 - 100.43

R FINE-GR'D, LIGHT-GREEN, MICRO PORPHYRITIC DIORITE CHARACT'D BY 2-3mm PHENO'S OF FELDSPARS & MICROVEINS OF SERICITE?

R ROCK SEEMS PART'LY SILICIFIED (UP TO 20%?)

R PY OCCURS IN MINOR AMOUNTS AS MICROVEINS & DISS.; MG OCCURS DISS AS SMALL X-TALS (±2-3%)

R 125.43 - 125.83 & 126.43 - 126.68 : CLAY-ALT'D, BRECCIATED FAULT ZONES

R 125.98 - 126.13 : CLAY-ALT'D FAULT GOUGE

R 126.43 - 127.81 : INTERV. OF FINE-GR'D, PATCHY, BRECCIATED INTRUS. (FINE-GR'D DIOR.) W. ~1% PY VEINLETS, K-SPAR ALT. OCCURS AS PATCHES

R END OF HOLE

1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23 24	25 26 27 28	29 30 31 32	33 34 35 36	37 38 39 40	41 42 43 44	45 46 47 48	49 50 51 52	53 54 55 56	57 58 59 60	61 62 63 64	65 66 67 68	69 70 71 72	73 74 75 76	77 78 79 80

Notes: End Hole with /END in columns 1-4, Free Form remarks start with R in column 1, Text in columns 28-80.

S = Alpha S O = Zero 2 = Two 1 = One 7 = Seven Ø = Alpha O Iori = Alpha I Z = Alpha Z.

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

PLACER
DOME INC.

(Geolog Form 2)

ROCK TYPE
STRUCTURE
ALTERATION
MINERALIZATION
DO NOT KEYPUNCH

FORMAT INFORMATION ONLY

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D.	DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201 V250	DDH 90-5		MA			APR	90						07	10

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

	HORIZON FLAG	FROM	TO	RECOVERY	T-MOD	% MIX	ROCK	TM-1	TM-2	QM 1	TX 1	TX 2	F_F	GRAIN c c1 %c MXP		R_i	B1	STRUC. ID	STRIKE AZM	DIP TO RT OR PLUNGE	FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS	OPEN FIELD
1	1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23		24 25 26 27	28 29 30 31		32 33 34	35 36 37 38		39 40 41 42		43 44 45 46	47 48		49 50	51 52 53	54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
/																						
L	ZONE FLAG			RQD	AGE FORM'N	ENVIR		LC LB	TM 3 HU	QM 2	TX 3	TX 4	S_R	R_N	S_H	O/C	FRACTURES S1 M1 Ltot	Ri	B2	STRUC2 I.D	AZM	DIP TO RT		OPEN FIELD

	RECOVERY	SS=Sample Serial No.	A1	A2	A3	A4	A5	A6	A7	A8	A9
1 2 3 4	17 18 19 20	21 22 23 24 25 26 27 28 29 30 31	32 33 34	35 36 37 38	39 40 41 42	43 44 45 46 47 48	49 50	51 52 53	54 55 56	57 58 59 60 61 62 63 64 65 66 67 68	69 70 71 72 73 74 75 76 77 78 79 80
A00		MØ	CU	AG	AU						

GRAPHIC LOG

1 2 3 4	5 6 7 8 9 10	11 12 13 14 15 16	17 18 19 20	21 22 23 24 25 26 27 28 29 30 31	32 33 34	35 36 37 38	39 40 41 42	43 44 45 46 47 48	49 50	51 52 53	54 55 56	57 58 59 60 61 62 63 64 65 66 67 68	69 70 71 72 73 74 75 76	77 78 79 80
R			SAMPLES & ASSAYS FOR DDH 90-5											
A001														
AUMM			SAMPLES											
ATYP			SPLIT CORE											
ALAB			PLI RESEARCH											
AMTH			WET GEOCHEM AA											
R	00	366	CASING - NO RECOVERY											
A001	366	1036		543307	1	500	0.4		<5					
	1036	1547		543308	<1	316	0.2		<5					
	1547	1697		543309	1	96	0.4		15					
	1697	1857		543310	<1	330	0.4		<5					
	1857	2157		543311	1	126	0.2		<5					
	2157	2439		543312	1	100	0.2		<5					
	2439	2586		543313	2	87	0.3		<5					
	2586	2671		543314	<1	72	0.2		<5					
	2671	2773		543315	1	56	0.2		<5					
	2773	3091		543316	1	57	0.3		<5					
	3091	3423		543317	1	33	0.2		<5					
	3423	3725		543318	3	21	0.2		5					
	3725	3894		543319	2	56	0.2		<5					
	3894	4146		543320	3	60	<0.2		<5					
	4146	4450		543321	<1	43	0.2		<5					
	4450	4755		543322	3	22	0.2		<5					
	4755	5055		543323	3	26	<0.2		<5					
	5055	5244		543324	1	132	0.2		5					
	5244	5429		543325	2	96	0.2		<5					
	5429	5669		543326	1	560	0.3		<5					
	5669	5964		543327	1	193	0.2		<5					
	5964	6300		543328	1	275	0.2		<5					
	6300	6583		543329	1	332	0.3		<5					
	6583	6826		543330	<1	82	0.2		<5					
	6826	6998		543331	2	87	<0.2		<5					
	6998	7308		543332	2	23	0.2		<5					
	7308	7483		543333	3	85	0.5		<5					
	7483	7766		543334	2	96	<0.2		<5					
	7766	8050		543335	1	35	<0.2		<5					
	8050	8350		543336	3	28	0.2		<5					
	8350	8626		543337	3	81	0.2		<5					
A001	8626	8921		543338	2	267	0.2		<5					

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PLACER
DOME INC.

(Geolog Form 2)

FORMAT INFORMATION ONLY — DO NOT KEYPUNCH

ROCK TYPE | STRUCTURE | ALTERATION | MINERALIZATION

GRAPHIC LOG

UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED	BY	ASST'D. DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201 V250	DDH90-5			MD		APR	90						08	10

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

S

HORIZON FLAG | FROM | TO | RECOVERY | T-MOD %MIX | ROCK | TM-1 | TM-2 | QM 1 | TX 1 | TX 2 | F_F | GRAIN $_{cc}$ $_{c}$ %$_{c}$ MAXP | R_i | B1 | STRUC ID | STRIKE AZM | DIP TO RT OR PLUNGE | FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS | OPEN FIELD

ZONE FLAG | RQD | AGE FORM'N | ENVIR | LC LB | TM 3 HU | QM 2 | TX 3 | TX 4 | S_R R_N S_H O_C | FRACTURES S M L tot | R_i | B2 | STRUC2 ID | AZM | DIP TO RT | OPEN FIELD

RECOVERY | SS=Sample Serial No. | A1 MO | A2 CU | A3 AG | A4 AU | A5 | A6 | A7 | A8 | A9

R — SAMPLES (CONT'D)

| | | | | | |

PLACER
DOME INC.

(Geolog Form 2)

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IDEN 6B0201 | UNIQUE ID OF PROJECT: V250 | DRILL HOLE / TRAVERSE: DDH90-5 | SIZE OF CORE | LOGGED BY: MK | ASST'D. DRILLER (S) | MONTH: APR | YEAR: 90 | TYPE | TIME-HRS. | SURVEYED | SYSTEM | GRID AZIMUTH | PAGE 09 OF 10

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

1 / | HORIZON FLAG | FROM | TO | RECOVERY | T-MOD % MIX | ROCK | TM-1 | TM-2 | QM 1 | TX 1 | TX 2 | FF | GRAIN c c1 %c MXP | Ri | B1 | STRUC ID | STRIKE AZM | DIP TO RT OR PLUNGE | FILL IN COLUMN HEADINGS FOR HA/XX TYPE HEADINGS | OPEN FIELD

L | ZONE FLAG | RQD | AGE FORM'N | ENVIR | LC LB | TM 3 HU | QM 2 | TX 3 | TX 4 | SR | RN | SH | O/C | FRACTURES S M L tot | Ri | B2 | STRUC 2 ID | AZM | DIP TO RT | OPEN FIELD

A 0 0 | RECOVERY | SS = Sample Serial No. | A1 | A2 | A3 | A4 | A5 | A6 | A7 | A8 | A9

ROCK TYPE | STRUCTURE | ALTERATION | MINERALIZATION

GRAPHIC LOG

R
A002
AUMM
A002

RECOVERY & RQD DATA

	FROM	TO	RECOVERY	RECOVERY	RQD
	366	488	122	32.8	0.0
	488	579	91	38.5	0.0
	579	732	153	10.0	0.0
	732	792	60	36.7	0.0
	792	884	92	21.7	0.0
	884	1036	152	19.7	0.0
	1036	1265	229	5.2	0.0
	1265	1402	137	25.5	0.0
	1402	1463	61	32.8	0.0
	1463	1707	244	86.1	50.0
	1707	2012	305	96.7	48.2
	2012	2286	274	93.1	56.9
	2286	2499	213	100.0	47.4
	2499	2621	122	91.8	59.0
	2621	2743	122	91.8	43.4
	2743	2896	153	77.8	23.5
	2896	3016	120	60.8	31.7
	3016	3231	215	86.0	44.2
	3231	3383	152	97.4	38.2
	3383	3536	153	73.2	49.7
	3536	3749	213	90.6	42.3
	3749	3993	244	82.0	35.2
	3993	4176	183	83.1	6.0
	4176	4450	274	97.8	76.3
	4450	4755	305	70.5	29.8
	4755	5060	305	97.7	23.4
	5060	5364	304	91.4	42.1
	5364	5669	305	85.2	35.7
	5669	5974	305	91.1	50.2
	5974	6248	274	98.5	40.9
	6248	6553	305	52.5	72.1
	6553	6706	153	78.4	51.0
	6706	6888	182	100.0	61.5
	6888	7193	305	99.0	48.5
	7193	7498	305	91.8	55.4
A002	7498	7681	183	83.1	33.3

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DOME INC.

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UNIQUE ID OF PROJECT	DRILL HOLE / TRAVERSE	SIZE OF CORE	LOGGED BY	ASST'D.	DRILLER (S)	MONTH	YEAR	TYPE	TIME-HRS.	SURVEYED	SYSTEM	GRID AZIMUTH	PAGE	OF
IDEN6B0201	V250	BDH 90-5	MD			APR	90						10	10

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

FORMAT INFORMATION ONLY — DO NOT KEYPUNCH

ROCK TYPE | STRUCTURE | ALTERATION | MINERALIZATION

GRAPHIC LOG

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---