

93-0-5

BOOK

No 146

NAT

861193

1989

PLACER DOME
INC.

A 3626

PROPERTY: NAT

DATE: 2/17/89 NTS: 920-5

SAMPLER: W.D. SAMPLE TYPE: FT

SAMPLE UTM: _____ E _____ N°

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: GIMP PK ARGILLITE

BOULDER IN CREEK.

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3626

SAMPLE
TYPE

FT.

PLACER DOME
INC.

A 3627

PROPERTY: NAT

DATE: 29/02/89 NTS: 93-0-5

SAMPLER: W.P. SAMPLE TYPE: BT

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: L 2200N 2580E

PLACER DOME
INC.

A 3628

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-0-5

SAMPLER: W.P. SAMPLE TYPE: B.T

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: L 2200 N 2660 E

PLACER DOME
INC.

A 3629

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-0-5

SAMPLER: W. P. SAMPLE TYPE: BT

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: L2200N ~~2700E~~

2700E

PLACER DOME
INC.

A

3630

PROPERTY:

NAT

DATE:

29/02/89

NTS:

93-0-5

SAMPLER:

WD

SAMPLE TYPE:

GS

SAMPLE UTM:

E

N

DRILL HOLE/TRENCH #:

SAMPLE INT: FROM:

TO:

REMARKS:

APPROX 3030N 2390E

GRAB OVER 1.5M

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3630

SAMPLE
TYPE

GS

PLACER DOME
INC.

A 3631

PROPERTY: NAT

DATE: 29/07/89

NTS: 93-0-5

SAMPLER: WP

SAMPLE TYPE: GS

SAMPLE UTM: _____

E _____

N _____

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____

TO: _____

REMARKS: APPROX. 3030N 2380E

GRAB OF 1RAGG. QYZ PDD.

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3631

SAMPLE
TYPE

PLACER DOME
INC.

A

3632

PROPERTY:

NAT

DATE:

21/07/89

NTS:

93-0-5

SAMPLER:

M.G.

SAMPLE TYPE:

B.T.

SAMPLE UTM:

_____ E _____

_____ N

DRILL HOLE/TRENCH #:

SAMPLE INT: FROM:

TO:

REMARKS:

L 2000 N 2660 E

BOOK

N^o 141

PLACER DOME
INC.

A

3501

PROPERTY:

NAT

DATE:

26/07/89

NTS:

93-0-5

SAMPLER:

WP/RH

SAMPLE TYPE:

BS

SAMPLE UTM:

E

N

DRILL HOLE/TRENCH #:

L2220N 3140E

SAMPLE INT: FROM:

TO:

REMARKS:

~200 m from road upstream
repeat of NTB 102.

PLACER DOME
INC.

A

3502

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WP/RIT SAMPLE TYPE: XX

SAMPLE UTM: L2220N E 3140E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: Silt sample to

accompany A 3501

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3502

SAMPLE
TYPE

PLACER DOME
INC.

A

3503

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WPKIT SAMPLE TYPE: BS

SAMPLE UTM: L2211N E 2980E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: D.S 150m upstream
from A3501

PLACER DOME
INC.

A

3504

PROPERTY: NAT

DATE: 26/07/89

NTS: 93-0-5

SAMPLER: WP/RH

SAMPLE TYPE: SS

SAMPLE UTM: L2211N

E 2980E

N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____

TO: _____

REMARKS: Silt sample to

accompany A3583

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3504

SAMPLE
TYPE

PLACER DOME
INC.

A

3505

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WP/RH SAMPLE TYPE: BS

SAMPLE UTM: L 2137N E 28745E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME
INC.

A

3506

PROPERTY: NAT

DATE: 26/07/89

NTS: 93-0-5

SAMPLER: WP/RH

SAMPLE TYPE: SS

SAMPLE UTM: L 2237N

E 2845E

N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____

TO: _____

REMARKS: SS to A 3505

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3506

SAMPLE
TYPE

PLACER DOME
INC.

A 3507

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WP/RH SAMPLE TYPE: BS

SAMPLE UTM: L22+45N E 26+60E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME
INC.

A 3508

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WP/RH SAMPLE TYPE: SS

SAMPLE UTM: L22+45N E 26+60E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: - Accompanies A3507

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3508

SAMPLE
TYPE

PLACER DOME
INC.

A

3509

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WP/RIT SAMPLE TYPE: SS

SAMPLE UTM: 2349N E 26760E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: 200 m Ashy Blk

PLACER DOME
INC.

A 3510

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-5

SAMPLER: WP/RH SAMPLE TYPE: SS

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: SS for A3509

200 m upstream from BL

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3510

SAMPLE
TYPE

PLACER DOME
INC.

A 3511

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-05

SAMPLER: WPIRH SAMPLE TYPE: BS

SAMPLE UTM: L 2230N E 25+05E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3511

SAMPLE
TYPE

PLACER DOME
INC.

A

3512

PROPERTY: NAT

DATE: 26/07/89 NTS: 93-0-8

SAMPLER: WPIRIT SAMPLE TYPE: SS

SAMPLE UTM: L2230N E 25+05E N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: SS to A 3511

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3512

SAMPLE
TYPE

PLACER DOME
INC.

A 3513

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-0-5

SAMPLER: RH/DB SAMPLE TYPE: GS

SAMPLE UTM: 19+42 E 34+70 N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: 19+42E TO: 19+32E
34+70N to 34+90N

REMARKS: altered ultramafic rock

talc, serpentinite + siderite - chip sample
across o/c

PLACER DOME
INC.

A

3514

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-05

SAMPLER: RH10B SAMPLE TYPE: FS-FLOAT

SAMPLE UTM: 19+30 E E 34+85N N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: Float - o/c broken up
due to bulldozer along roadside cut.

PLACER DOME
INC.

A 3515

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-0-5

SAMPLER: RH/DB SAMPLE TYPE: GS

SAMPLE UTM: 2130-2150 E 4060-4650 N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: altered ultramafic ^{tail} carbonate

- very hematized w intense quantity veining

PLACER DOME
INC.

A

3516

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-0-5

SAMPLER: RH/DB SAMPLE TYPE: FS

SAMPLE UTM: 2120-2110 E E 4050-4040 N

DRILL HOLE/TRENCH #: Along Claim line

SAMPLE INT: FROM: _____ TO: _____

REMARKS: altered U.M. - tale / sidents / calc

Purply brown w quartz veining

PLACER DOME
INC.

A

3517

PROPERTY: NAT

DATE: 29/07/89 NTS: 93-0-5

SAMPLER: DB/RT SAMPLE TYPE: GS

SAMPLE UTM: 4780N 1860-1900E

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: Entered V.M slip table

carb + blebs magnetite.

BOOK

Nº 144

Printed : 1989

PLACER DOME
INC.

A 3576

PROPERTY: NAT (V230)

DATE: JULY 26 NTS: 93-0-5

SAMPLER: TMC SAMPLE TYPE: BS

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3576

SAMPLE
TYPE

PLACER DOME
INC.

A 3577

PROPERTY: _____

DATE: _____ NTS: _____

SAMPLER: _____ SAMPLE TYPE: **BS**

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3577

SAMPLE
TYPE

PLACER DOME
INC.

A

3578

PROPERTY: _____

DATE: July 29 NTS: _____

SAMPLER: _____ SAMPLE TYPE: SS

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3578

SAMPLE
TYPE

BOOK

N^o 145

PLACER DOME
INC.

A 3601

PROPERTY: Nat

DATE: July 22, 1989 NTS: _____

SAMPLER: _____ SAMPLE TYPE: RS

SAMPLE UTM: 1890 E 24800 N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3601

SAMPLE
TYPE

B

PLACER DOME
INC.

A 3602

PROPERTY: Nat

DATE: July 24, 1989 NTS: 1

SAMPLER: DJB SAMPLE TYPE: CV

SAMPLE UTM: 2000 E 5050 N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3602

SAMPLE
TYPE

PLACER DOME
INC.

A 3603

PROPERTY: Nat

DATE: July 24, 89 NTS: _____

SAMPLER: NJB SAMPLE TYPE: G.B.

SAMPLE UTM: 2300 E 5400 N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3603

SAMPLE
TYPE

BOOK

№ 142

PLACER DOME
INC.

A

3526

PROPERTY: NAY

DATE: July 24 NTS: _____

SAMPLER: _____ SAMPLE TYPE: XX

SAMPLE UTM: _____ E _____ N'

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3526

SAMPLE
TYPE

PLACER DOME
INC.

A 3527

PROPERTY: NAVY

DATE: July 24 NTS: 1

SAMPLER: _____ SAMPLE TYPE: XX

SAMPLE UTM: _____ E _____ N

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____ TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3527

SAMPLE
TYPE

PLACER DOME
INC.

A

3527

PROPERTY: NAVY

DATE: July 24

NTS: 1

SAMPLER: _____

SAMPLE TYPE: XX

SAMPLE UTM: _____

E _____

N _____

DRILL HOLE/TRENCH #: _____

SAMPLE INT: FROM: _____

TO: _____

REMARKS: _____

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3527

SAMPLE
TYPE

PLACER DOME
INC.

A

3528

PROPERTY: *Nay*

DATE: *July 24* NTS:

SAMPLER: SAMPLE TYPE: *XX*

SAMPLE UTM: E N

DRILL HOLE/TRENCH #:

SAMPLE INT: FROM: TO:

REMARKS:

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3528

SAMPLE
TYPE

PLACER DOME
INC.

A

3529

PROPERTY: NAY

DATE: July 29 NTS:

SAMPLER: SAMPLE TYPE: XX

SAMPLE UTM: E N

DRILL HOLE/TRENCH #:

SAMPLE INT: FROM: TO:

REMARKS:

PLACER DOME INC.

TAG #

B

SAMPLE #

A

3529

SAMPLE
TYPE

July 23, 1989

DJB

A 3601

Chip Sample

L4800N, 1890E

Altered ultramafic

- talus, sample from block

Minerals

Serpentine 80%

Talc 5%

Siderite 10%

Calcite 4.5%

Colour 76H

massive serp, veins of
siderite - calcite - talc form a
patchwork through sample

magnetite - specular hematite
forms blebs → veins in sample

MA B, V +

July 24, 1989

DJB

A 3602

25050 N, 2000 E

Ultramafic with siderite
alteration

Minerals

Olivine \rightarrow Serpentine 80%

Talc 5%

Siderite 10%

magnetite \rightarrow hematite 5%
(specular)

calcite - trace

Siderite alteration (0.5mm -
1.0mm thick veins) forms a patch
work of veins with magnetite as
blobs in them.

colour

76u

July 24, 1989

DJB

S 400 N 2300 E

A 3603

Quartz vein?

Sample from soil sample hole

L 5400 N, 2300 E taken on

during 1988

Quartz 95%

limonite 5%

Sample is subangular
cobble

NAT

A 3626 - BL 2500E 2275 N
LIMY PY. ARGILLITE BLDR
IN CREEK.

L 2400N 3000E TO ROAD
WASHED SILTS, SANDS AND
GRAVELS. SOME SORTING.

3020 N 2370E N.W. CORNER
LGE OG AREA. ROCK PROBABLY
HIGHLY ALT. ULTRA-MAFIC.
CONS TALL, SIDERITE?

DYING 290°/V
FRACT. SET 025/63NW W. QTZ
FILLING TO MAX 1 CM + OLIGAS
OPEN SPACE FILLING.

FEW ZONES WEAK SHEARING VIS
IN WEATHERED SURFACE.
075°/100°/V TO 80°N

A 3630 - 3030N 2390E (APPROX).
HIGHLY ALT UM. - TALL, SIDERITE
& SKICA.

A 3631 - 3030N 2380E (APPROX).
IRREG WHITE QTZ BOD 2 M X
15 CMS.

July 29/89

RH/BR

34+70N to 34+90W

19+42E to 19+32E

A3513

- Chip sample across altered
ultramafic

serpentine and talc rich areas
are separated out \Rightarrow siderite brown cast
veins 1cm wide mark divide between
serp and talc rich areas

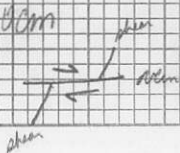
Talc rich area - v. soft + soapy to touch
color

Serp area - lt green + dk purple color

Both have heavy alteration of
siderite throughout. Magnetite -
(powdery black) found in siderite veins

Small shear (mines 5cm wide) trending
135/63 SW to broken up + displaced

10cm by siderite vein



Went 7 m² altered ultramafics

128

Glacial striations? or could be slickensides?
055 (40cm long) - on rounded
edge of o/c.

Fractures - filled in with siderite
0.5 to 1.0 cm wide

120 / 82W 122 / 84W

Composition of rock! - guesstimate

Silica 40%

Siderite 40%

Serpentine 20%

Rock. Dirty purple-blue brown.

m to c.g.

July 29 189

RA/DB.

A 3514

34+90 N to 34+98 N

19+32 E + 19+42 E

Floot of broken up

altered ultramafic Talc, soap, chlorinated.
Probably broken up outcrop by bulldozers
along roads.

In floot 2.5m wide

min of chrysotile asbestos

altered ultramafic same as A 3513

40% talc.

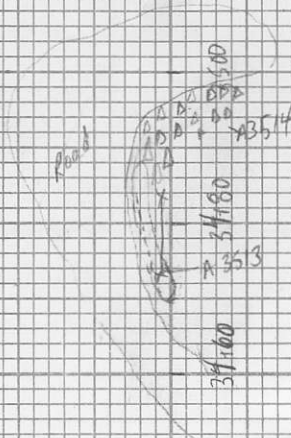
40% silicate

20% serpentine

dusty purple blue

medium to coarse grained.

July 29 189



L 35+00 N

L 34+80

L 34+60

19+40E

Sketch of outcrop.

A 3513

A 3514

July 29, 1989

DJB / RH

A 3515

4040 - 4000N 2130E

Chip Sample along a 1-1.5m
cliff / talus slopeAltered ultramafic with
siliceous replacement.

Minerals

Talc 40

siderite 40

magnetite +

quartz veining 10

quartz replacement 10

light apple green mineral 1%

Rusty weathering o/c 40R

medium g.s.

complex foliation

July 29, 1989

1 conjugate set of fractures
 (quartz veining is in only
 one

~~22° 062~~

} breccia
 filled

minor

QZ vein

~~32°~~

120

July 29/89

RA

A 3516

L 4060 - 4060N 2120 - 2110E

Not as altered as 3515.

Altered u.m. Rusty purple weathered surface

Rusty brown grey - fresh.

Silic	45%
Carbonate	40%
Serpentine	15%

Medium to coarse grained

1 cm wide silicate veins throughout

Wk 1/115 O/C tends to be

fractured hence therefore quite broken up

Minor trace discoloration of 1 large
wk of weathered py.

July 29/89

RA/DB

A3517

47+30N

1900E 19+30E

Altered V.M.

Serp 45%

Talc 30%

Carb 20%

Magnetite 3-5%

=> breaks down to Fe (minor 2%)

weathered - dk dirty purple to lt grey brown (serp rich)

fresh - serp rich - pale lt green to

talc-serp - medium grey green

m to c.g - massive

breakdown of olivine =>

Diff'n of serp + magnetite - so get serp rich areas + magnetite appears as 1-4mm blebs or crystals on weathered surface

Many boulders due to frost heave.

O/C dimensions 4785N 1900E to 4795N 1860E

to 4730N 1900E

4770 1860E

which includes many blades + sub-crop + frost heaved - see diagram

NET - declin 26°

July 21

BL 140/320
lines 50°/230

* Soils that are anoxic take

10kg sample \Rightarrow By ~~4000~~

⑤ samples along L 2700 N

Soil Chemistry A

Note: sphericity of clasts.
in remarks

L 27+300N 2800 E

2200N
2400E
3000E
= left side of
creek

Mid Road L 2700N
3300E

DATE: 89:08:25

PDI lab data file: P9299
AREA: NAT
MAPSHEET NO: 9305
VENTURE: V230
GEOLOGIST: W PENTLAND
LAB PROJECT NO: 9299

PLEASE DISTRIBUTE RESULTS TO: WP GS LR EK MG RH LAB

REMARKS:
"AU RESULTS IN PPB"

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	HClO ₄ /HNO ₃	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-4000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-3000	A.A. BACKGROUND COR.
PD	PPB	25.0	FIRE ASSAY	45MIN	DL 5	DC PLASMA
PT	PPB	25.0	FIRE ASSAY	45MIN	DL 10	DC PLASMA
ZN	PPM	0.5	HClO ₄ /HNO ₃	4HRS	2-3000	ATOMIC ABSORPTION

Rocks

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Pd PPB	Pt PPB	Zn PPM
9305		A3513 9299	<0.2	3	10	14	2	<5	<10	16
9305		A3514 9299	<0.2	6	10	6	<2	<5	<10	12
9305		A3515 9299	<0.2	3	<5	5	<2	15	230	28
9305		A3516 9299	<0.2	2	5	8	<2	<5	<10	20
9305		A3517 9299	<0.2	25	<5	<2	2	<5	<10	30
9305		A3601 9299	<0.2	8	5	<2	<2	<5	<10	20
9305		A3602 9299	<0.2	6	10	<2	<2	<5	<10	16
9305		A3603 9299	<0.2	<2	<5	3	<2	<5	<10	5
9305		A3626 9299	0.2	11	20	12	10	<5	<10	20
9305		A3626* 9299	0.2	12		12	10			21
9305		A3630 9299	<0.2	<2	290	2	<2	<5	<10	16
9305		A3631 9299	<0.2	<2	20	2	<2	<5	<10	3
test	STD P1	9299	0.2	21		22	50			105

END OF LISTING - 13 RECORDS PRINTED Run on: 89:08:25 at 11:43:30