



42D14SE0056 2.12787 PRISKE

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PLACER DOME INC.
PROJECT 386 (STANKEY OPTION)
REPORT ON POWER STRIPPING PROGRAMME
PRISKE TOWNSHIP, ONTARIO

2.12787

August 9, 1989

D. Laudrum

PLACER DOME INC.
PROJECT 386 (STANKEY OPTION)
REPORT ON POWER STRIPPING PROGRAMME
PRISKE TOWNSHIP, ONTARIO

INTRODUCTION

The Stankey Option (Project 386) consists of 24 contiguous unpatented mining claims located 4 km north (N) of the town of Schreiber in the Thunder Bay mining division. Between June 25 and July 2, 1989 a stripping and sampling programme was carried out by Placer Dome Inc. (PDI) to evaluate a showing along the Schreiber Pyramid Fault. No significant assays were received, and results were generally not encouraging. No further work is recommended for the property at this time.

PROPERTY

The Stankey Option property consists of 24 contiguous mining claims located in Priske Township, Thunder Bay Mining Division.

T A B L E 1
Claims and Assessment Credits

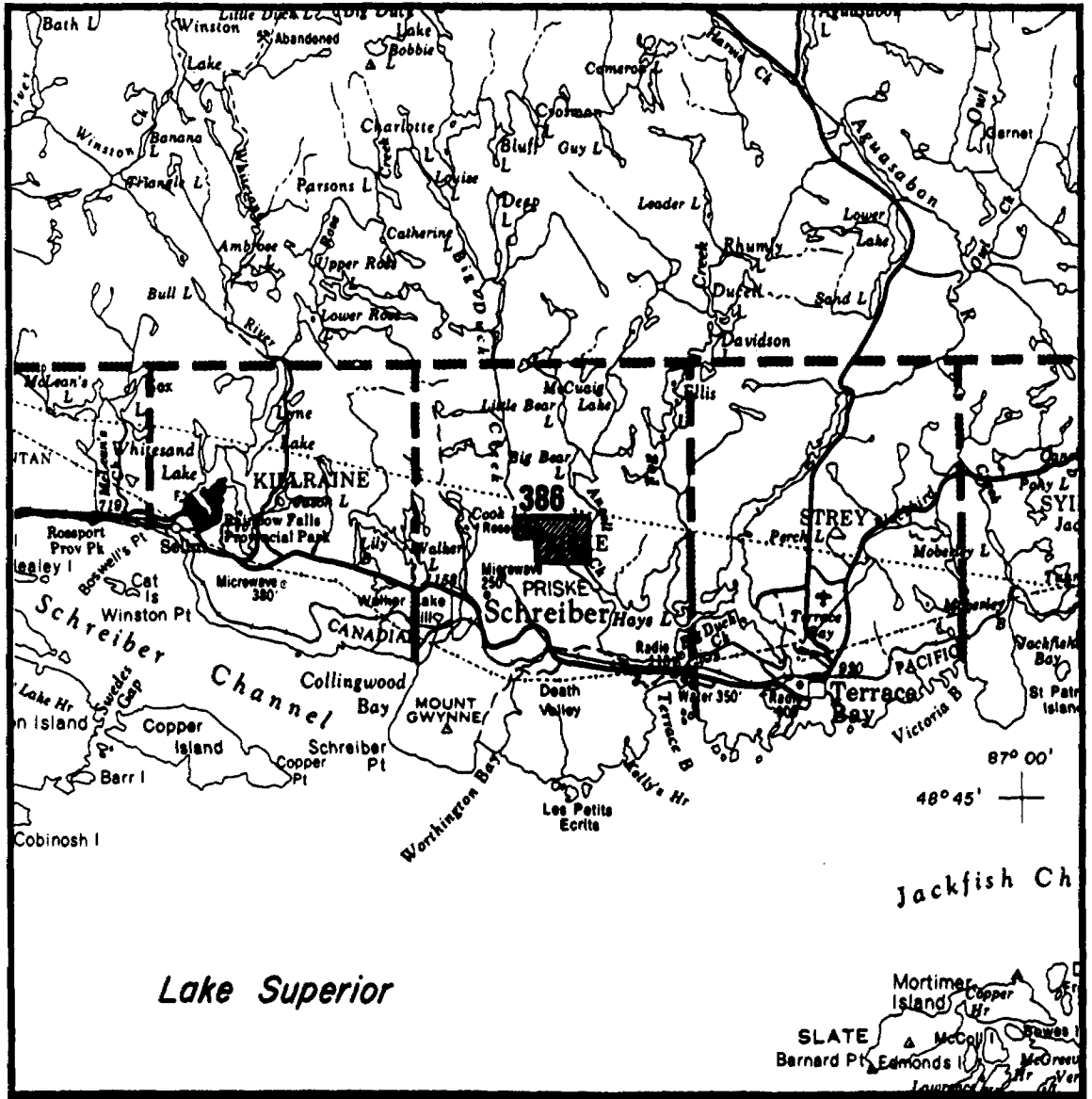
<u>Claim Numbers</u>	<u>Recording Date</u>	<u>Assessment</u>
TB 773591 to 773596	February 13, 1984	200 days
TB 1018963 to 1018967	October 12, 1988	none
TB 1092233 to 1092245	October 12, 1988	none

LOCATION AND ACCESS

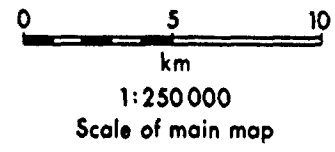
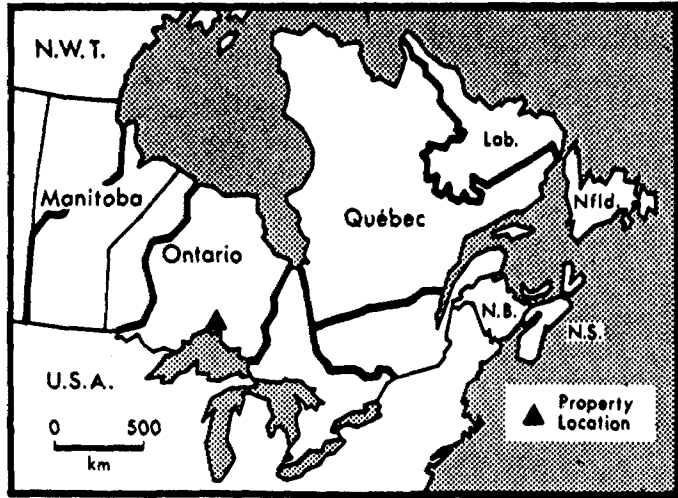
The property is located in Priske Township, 4 km northeast of the town of Schreiber, Ontario. Access is via 4-wheel-drive road north from Peary Street in Schreiber to Big Duck Creek, and from there via skidder trail (traversable by all-terrain bike), to the trenched area discussed in this report.

PREVIOUS WORK

Auriferous quartz veins on the Schreiber Pyramid property were trenched and bulk sampled by Kenecho Gold Mines in the 1930's. Veins were sampled from open cuts and a short adit, and a small test mill was established on site.

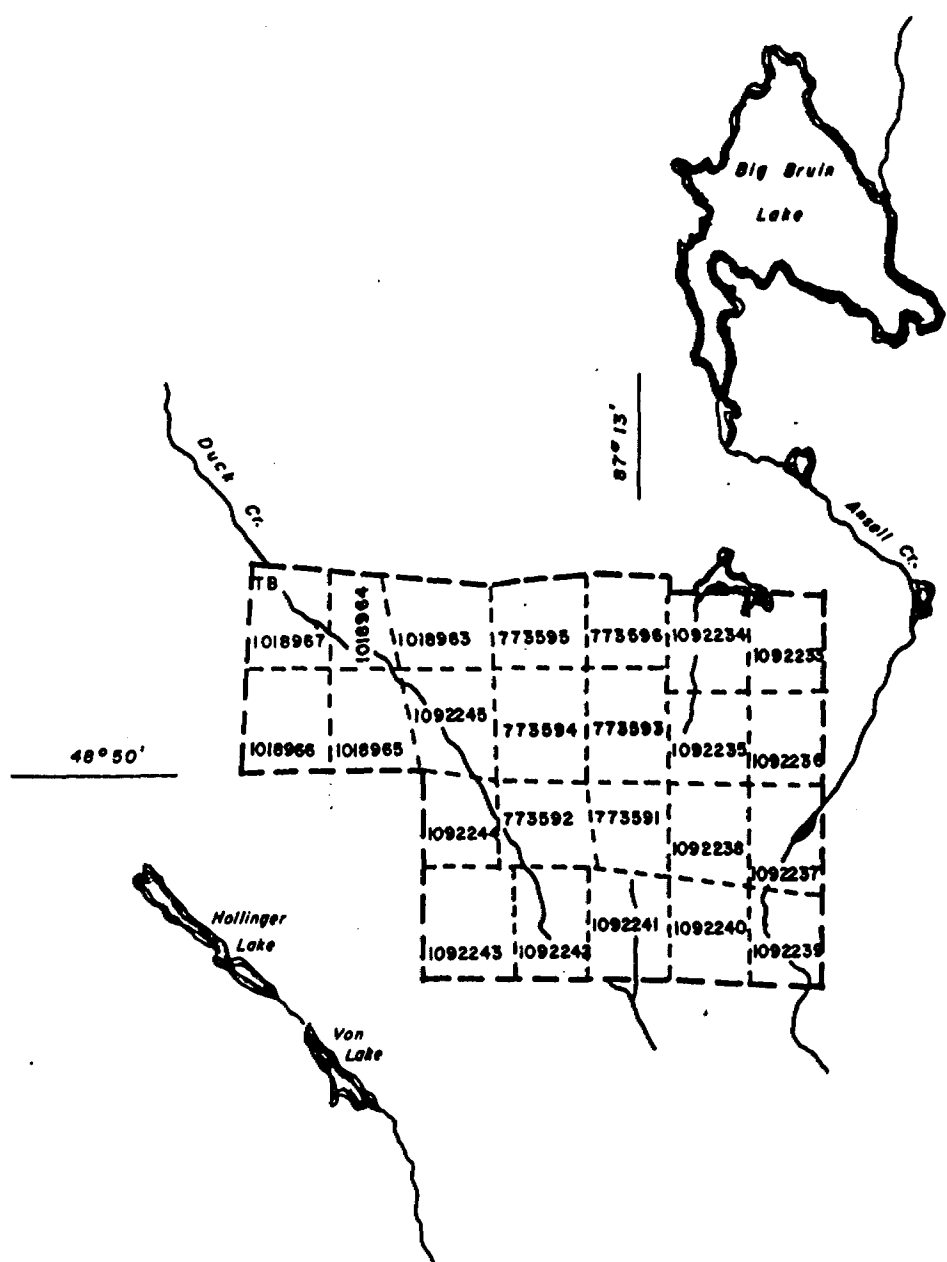


PDI Eastern Canada



PLACER DOME INC.	
Stankey Opt. Central Ontario	
N.T.S. No. 42D/14	PROJECT
Date Jan. 1989	386

Fig. 1



Placer Dome Inc.		
Proj. No. 386, STANKEY OPTION, PRISKE TWR, ONT.		
CLAIM MAP		
Scale 1" = 1/2 mile	Drawn F.C.	Dwg. No.
Date Sept. '89	NTS Ref. 42D/14	Fig. 2

In 1969 Zenmac Metal Mines Ltd. drilled five holes, totalling 243m, on a base metal showing north of the Schreiber Pyramid adit.

Drill holes intersected minor quartz veining and pyritic shear zones, with the best intersection being 0.3m of massive sulphides (chalcopyrite-sphalerite-pyrrhotite) in a chloritic shear at a contact between volcanic and sedimentary rocks.

In 1984 Corporation Falconbridge Copper (CFC) acquired the property to re-evaluate its base metal potential in light of the nearby Winston Lake discovery. They also carried out a programme of linecutting, ground geophysics (VLF, HLEM, Mag), geological mapping, lithochemical surveys, backhoe stripping and channel sampling. Results of the programme included 45.2 g/t Au in a grab sample from the #1 vein directly above the Schreiber Pyramid adit, and definition of a zone of anomalous zinc values near the contact between sheared mafic volcanics and the northern metasediments. No drilling was carried out, and CFC returned the property to George Stankey.

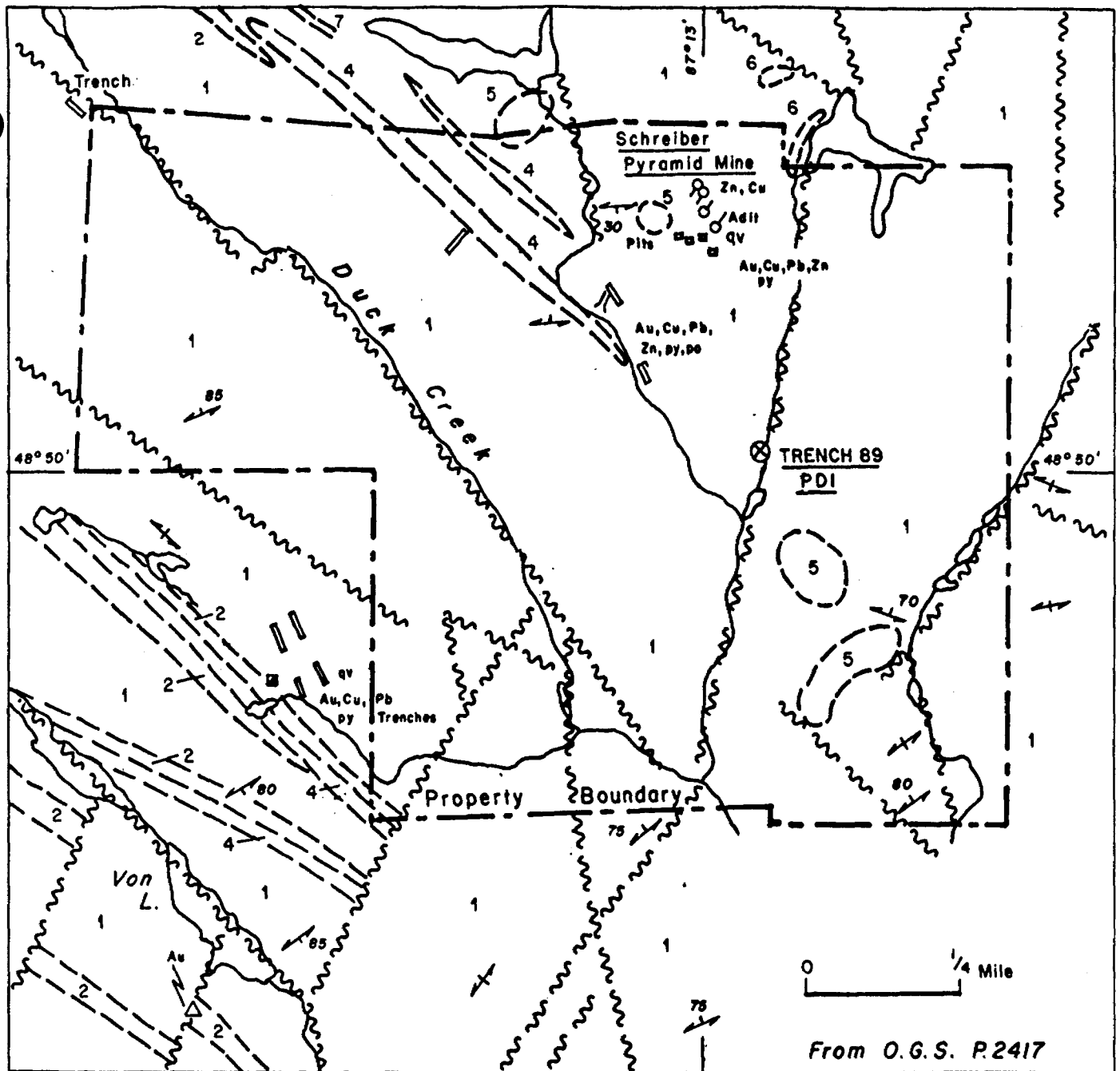
GENERAL GEOLOGY

The option property lies in the east-west trending Schreiber-White River greenstone belt of the Archean Abitibi-Wawa-Shebandowan Subprovince of the Superior Province of the Canadian Shield. In the Schreiber area the belt is composed of generally east-west trending, north-facing, mafic metavolcanics with minor metasediments and mafic intrusive rocks.

PROPERTY GEOLOGY

The property is underlain by mafic metavolcanics interrupted by two northwesterly trending bands of chert-magnetite iron formation and clastic mafic metasediments. Metavolcanics and metasediments are cut by coarse grained gabbroic dikes and quartz and/or feldspar-phyric felsic dikes/sills.

Rock types encountered in the area stripped are as shown below (see Drawing No. 386-1):



From O.G.S. P.2417

- 7 Diabase
- 6 Felsic Intrusions
- 5 Mafic to Ultramafic Intrusions
- 4 Metasediments
- 3 Felsic Metavolcanics
- 2 Intermediate Metavolcanics
- 1 Mafic Metavolcanics
- qv Quartz (Qtz) Vein

- Property Boundary
- Shear
- DDH
- Foliation with dip
- Trench
- Shaft
- Adit



Placer Dome Inc.	
Proj.No.386, STANKEY OPTION, PRISKE TWP. ONT.	
GENERAL GEOLOGY	
Scale 1:15840	Drawn F.C.
Date Sep 1, 1989	NTS Ref.42D/14

Fig. 3

T A B L E 2
Rock Types

- UNIT 3a** - MASSIVE MAFIC-INTERMEDIATE VOLCANIC with <1% pyrite, pervasive carbonitization, weak silicification.
- UNIT 3b** - STRONGLY SILICIFIED AND CARBONITIZED VOLCANIC with 3-5% finely disseminated pyrite, strong iron oxide weathering on exposed surfaces, and 5-10% 1-5mm randomly oriented quartz veinlets.
- UNIT 3c** - HIGHLY FRACTURED TO BRECCIATED VOLCANIC, strongly silicified, moderately carbonitized, with 15% 1-3mm quartz stringers along fractures, and 3-5% disseminated and stringer pyrite.
- UNIT 12** - MINOR FELSIC INTRUSIVE, buff/grey, aphanitic, with no visible sulphides.

DETAILS OF STRIPPING PROGRAMME

The programme discussed in this report consisted of back-hoe stripping, washing, mapping and channel sampling of a gold showing on the Schreiber Pyramid Fault 500m SE of the adit and test mill built by Kenecho Gold Mines in the 1930's.

This showing was trenched by Kenecho in 1937 (records of assays not available). In 1985 the trenches were re-sampled by Corporation Falconbridge Copper with best results being 2.3 g/t Au from a grab sample of a 2.0m wide silicified zone containing carbonate and pyrite. On a September 1988 property examination by Placer Dome Inc. a chip sample taken from the same trench assayed 6.2 g/t Au over 1.0m.

The area of the showing was stripped and washed over a distance of 40m along strike and 36m across strike. A total of 50 samples (28 saw-cut channels and 22 continuous chip samples) were taken. Trenching was performed on claims TB 773591 and TB 773593. The center of the trenching is 25m west of Post #1 of TB 773591.

MINERALIZATION AND STRUCTURE

The north-west trending Schreiber Pyramid Fault appears to be the major factor controlling gold mineralization in the area worked. A foliation striking NW and dipping roughly 75° NE is visible in virtually all exposed rocks in the area stripped. Degree of carbonate alteration appears to be related to strength of foliation. Contacts of strongly altered/deformed units (units 3b and 3c), from which most anomalous Au assays came, are parallel to this NW trending fault.

A NE trending fault was noted cutting across the Schreiber Pyramid Fault in the area stripped in this programme.

This X-cutting fault pattern has resulted in strongly fractured rocks, but no additional alteration appears directly attributable to the NE trending fault.

ROCK GEOCHEMISTRY

There were 50 rock samples (28 saw-cut channels and 22 continuous chips) taken from the stripped areas and sent to Min-En laboratories in Thunder Bay for geochemical analysis. Mean value of Au analysis was 27.9 ppb with 13 of 50 samples returning values > 10 ppb Au.

T A B L E 3
Au Analysis > 100 ppb

<u>Sample No.</u>	<u>Length</u>	<u>Rock Code</u>	<u>Au ppb</u>
ST-018	1.0m	3b	308
ST-026	1.0m	3a	218
ST-050	1.0m	3b, 3c	309

CONCLUSIONS AND RECOMMENDATIONS

Extensive stripping and sampling of this showing resulted in several anomalous Au analysis over 1.0m widths. No economically significant Au analysis were received.

Results of this programme, examination of other gold showings on the property, and data available on other properties in the immediate area, suggest that at best this showing may be an extension of the vein system explored by the Schreiber Pyramid (Kenecho) adit. This implies an environment of narrow, shear hosted, pinching/swelling quartz veins with potentially high-grade, but erratically distributed, Au mineralization.

No further work is recommended on the property at this time.

August 1989

D. Laudrum

REFERENCES

DalBelle, A. 1989:

Geology Report on the United Westland Property, Noranda
Exploration Company Limited;

Carter, M.W., 1980:

Precambrian Geology of the Terrace Bay Area (West Sheet)
Preliminary Map P. 2417, scale 1:15,840.

Jolin, A., 1985:

Report on the Schreiber Pyriamid Property, Priske Township,
Assessment Report 2.7856.

Wells, G.S., 1985:

Geology Report Stankey Project. Corporation Falconbridge
Copper, November 1, 1985. Assessment Report 2.9831.

APPENDIX I
Sample Descriptions

APPENDIX I
Sample Descriptions

<u>SAMPLE #</u>	<u>WIDTH (m)</u>	<u>TYPE</u>	<u>ROCK CODE</u>	<u>AU (ppb)</u>
ST-001	1.0	channel	3c	2
ST-002	1.0	channel	3c	1
ST-003	1.0	channel	3a	1
ST-004	1.0	channel	3a	9
ST-005	1.0	channel	3a	3
ST-006	1.0	channel	3a, 3b	24
ST-007	1.0	channel	3a	2
ST-008	1.0	channel	3a	1
ST-009	1.0	channel	3a	2
ST-010	1.0	channel	3a	3
ST-011	0.8	channel	3a	2
ST-012	1.0	channel	3a	77
ST-013	1.0	channel	3a	38
ST-014	1.0	channel	3a	4
ST-015	1.0	channel	3a	2
ST-016	1.0	channel	3a, 3b	41
ST-017	1.0	channel	3b	30
ST-018	1.0	channel	3b	308
ST-019	1.0	channel	3a	95
ST-020	1.0	channel	3a	37
ST-021	1.0	channel	3a	2

APPENDIX I
Sample Descriptions

<u>SAMPLE #</u>	<u>WIDTH (m)</u>	<u>TYPE</u>	<u>ROCK CODE</u>	<u>AU (ppb)</u>
ST-022	1.0	channel	3a	3
ST-023	1.0	channel	3a	2
ST-024	1.0	chip	3a	1
ST-025	1.0	chip	3a	1
ST-026	1.0	chip	3a	218
ST-027	1.0	channel	3a	1
ST-028	1.0	channel	3c	3
ST-029	1.0	channel	3a, 3b	12
ST-030	1.0	channel	3a	4
ST-031	1.0	channel	3a, 3b	3
ST-032	1.0	chip	3a	79
ST-033	1.5	chip	3a	3
ST-034	1.5	chip	3a	2
ST-035	1.5	chip	3a	3
ST-036	1.5	chip	3a	2
ST-037	1.5	chip	3a	1
ST-038	1.5	chip	3a	3
ST-039	1.5	chip	3a	5
ST-040	1.5	chip	3a	4

APPENDIX I
Sample Descriptions

<u>SAMPLE #</u>	<u>WIDTH (m)</u>	<u>TYPE</u>	<u>ROCK CODE</u>	<u>AU (ppb)</u>
ST-041	1.5	chip	3a	3
ST-042	1.5	chip	3a	2
ST-043	1.5	chip	3a	4
ST-044	1.5	chip	3a	1
ST-045	1.5	chip	3a	4
ST-046	1.5	chip	3a	2
ST-047	1.5	chip	3a	1
ST-048	1.5	chip	3a	2
ST-049	1.0	chip	3a,3b,3c	32
ST-050	1.0	chip	3a,3b,3c	309

APPENDIX II

Min-En Laboratories Analysis Certificate

CERTIFICATE OF QUALIFICATIONS

THIS IS TO CERTIFY THAT:

I currently reside at 1-316 High St. S., Thunder Bay, Ontario, P7B-3L3.

I attended Sir Sandford Fleming College, Lindsay, Ontario from September 1978 to December 1980 -Geological Technician Program.

I am a graduate of Lakehead University, Thunder Bay, Ontario, with a Bachelor of Science degree, major - Geology, completed 1987.

I have been actively involved in the Canadian mining industry since 1979 and have been employed full-time as a Geologist since 1987.

I am a member of the Prospectors and Developers Association of Canada, The Canadian Institute of Mining and Metallurgy, and an Associate Member of the Geological Association of Canada.

This report is based upon my own observations while working on the property, and on study of Ministry of Northern Development and Mines assessment records and published geological maps and reports on the area.

I have no interest, direct or indirect, in the property described, nor do I anticipate any such interest.

Thunder Bay, Ontario
August 7, 1989

David C. Laudrum, B.Sc.



MINING LANDS
Report of Work
(Expenditures, Subsection 77(19)) **2**

Type of Work Performed Assays, Sampling W8904.403	Mining Division Thunder Bay	Township or Area Priske Township (G631)
Recorded Holder Placer Dome Inc.	Prospector's Licence No. T 837	
Address P.O. Box 350, Ste. 3500, IBM Tower, TD Centre, Toronto, Ont. M5K 1N3		Telephone No. (416) 868-6060
Work Performed By Dave Laudrum, Scott Marissett, Fred Checkley		
Name and Address of Author (of Submission) Dave Laudrum, Placer Dome Inc., 383 Mooney St., Thunder Bay, Ont.		Date When Work was Performed From: To: Day Mo. Yr. Day Mo. Yr.

All the work was performed on Mining Claim(s): Indicate no. of days performed on each claim. *See Note No. 1 on reverse side											
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
		TB 773593	74	TB 773591	100						
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days
Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days	Mining Claim	No. of Days

Instructions Total days credits may be distributed at claim holder's choice. Enter number of days credits per claim in the expenditure days credit column (below).	Calculation of Expenditure Days Credits			Total Number of Mining Claims Covered by this Report of Work		
	Total Expenditures \$ 2,623.36	+	15	=	Total Days Credits 174	18

Mining Claims (List in numerical sequence). If space is insufficient, attach schedules with required information

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
TB	1018963	9	TB	1092236	9	TB	1092244	9			
	1018964	9		1092237	9		1092245	21			
	1018965	9		1092238	9						
	1018966	9		1092239	9						
	1018967	9		1092240	9						
	1092233	9		1092241	9						
	1092234	9		1092242	9						
	1092235	9		1092243	9						

Total Number of Days Performed 174	Total Number of Days Claimed 174	Total Number of Days to be Claimed at a Future Date 0
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Certification of Beneficial Interest *See Note No. 2 on reverse side

I hereby certify that, at the time the work was performed, the claims covered in this report of work were recorded in the current recorded holder's name or held under a beneficial interest by the current recorded holder.	Date Sept 25/89	Recorded Holder or Agent (Signature) <i>Paul Brown</i>
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Certification Verifying Report of Work

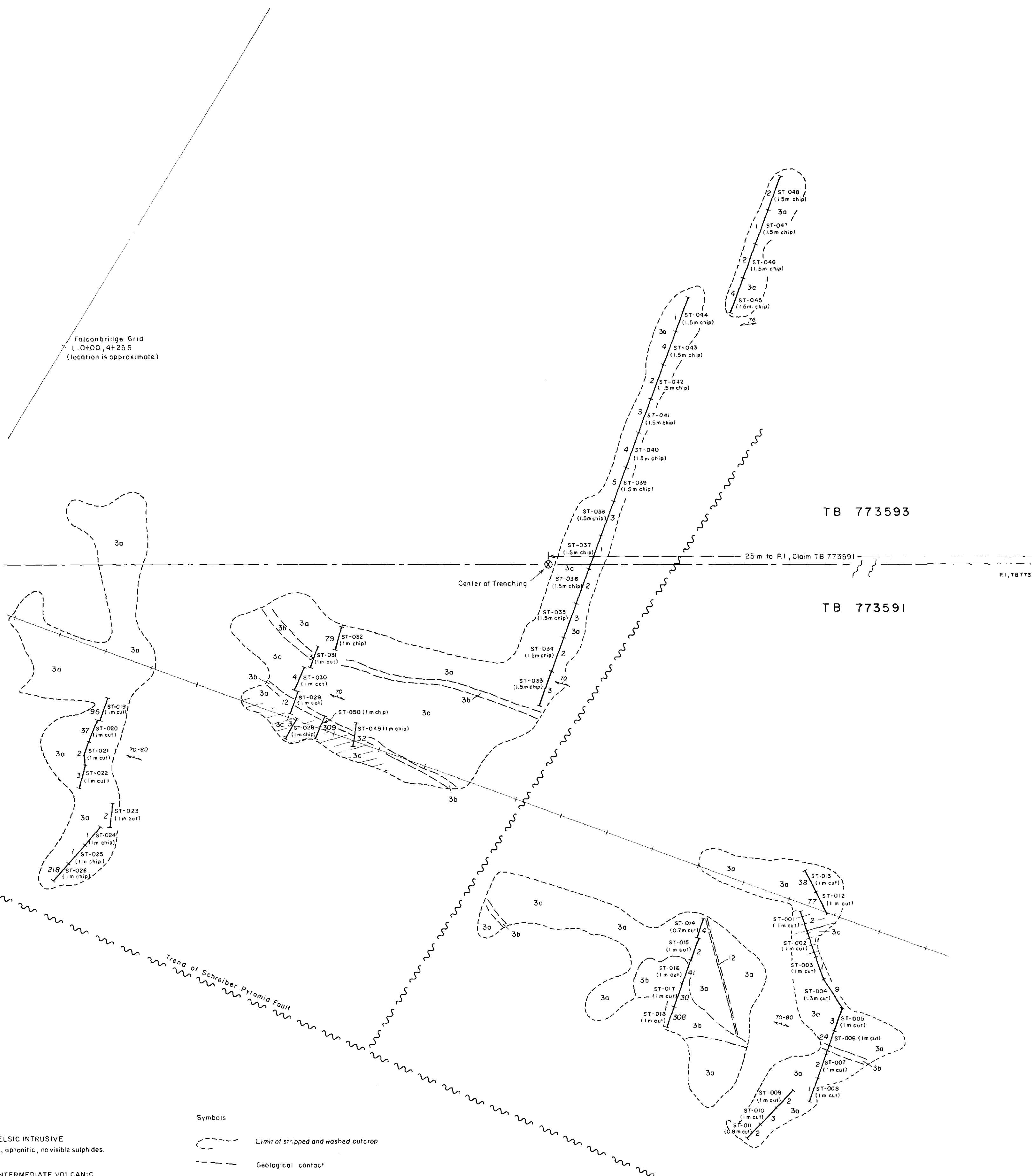
I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Address of Person Certifying Paul Brown	Telephone No. (807) 345-9445	Date Sept 25/89	Certified by (Signature) <i>Paul Brown</i>
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For Office Use Only

Total Days Cr. Recorded 174	Date Recorded SEPT. 26 / 89	Mining Recorder <i>[Signature]</i>
	Date Approved as Recorded 3 Nov 89	Provincial Manager, Mining Lands <i>[Signature]</i>

<p>ONTARIO GEOLOGICAL SURVEY ASSESSMENT FILES RECEIVED NOV 06 1989 RECEIVED MINING LANDS SECTION</p>
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Falconbridge Grid
L. 0400, 4425 S
(location is approximate)

TB 773593

25 m to P.I., Claim TB 773591

P.I., TB 773591

TB 773591

Trend of Schreiber Pyramid Fault

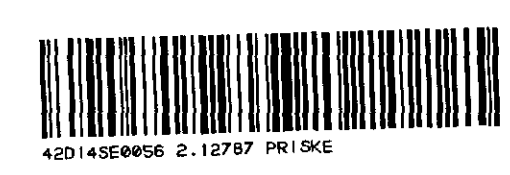
LEGEND

Rock Types

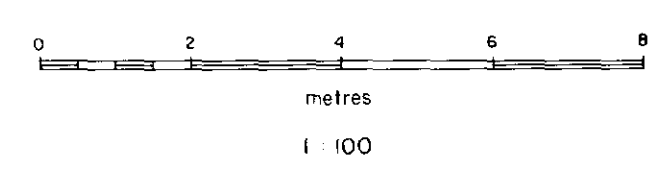
- 12** MINOR FELSIC INTRUSIVE
buff/grey, aphanitic, no visible sulphides.
- 3a** MAFIC-INTERMEDIATE VOLCANIC
< 1% pyrite, pervasive carbonatization,
weak silicification.
- 3b** STRONGLY SILICIFIED & CARBONATIZED VOLCANIC
2-5% fine disseminated pyrite, strongly oxidized,
5-10% 1-5 mm quartz veinlets.
- 3c** HIGHLY FRACTURED TO BRECCIATED VOLCANIC
strongly silicified, moderately carbonatized, 15% 1-3 mm
quartz stringers, "healing" fractures, 3-5% disseminated
and stringer pyrite.

Symbols

- Limit of stripped and washed outcrop
- Geological contact
- Fault
- Foliation - inclined
- Sample location
sample number
length (metres) & type
cut - channel sample (racksaw)
chip - continuous chip saw sample
- 38** Assay value in ppb Au



210



2.12787

PLACER DOME INC.

PROJECT NO. 386 - STANKEY OPTION, PRISKE TWP.,
ONTARIO

TRENCHING PLAN
2.12787

SCALE: 1:100	ORIG. BY: D.L. DRAWN BY: J.W.	DRAWING NO.
DATE: SEPT. 1989	NTS REF: 42D/14	386-1

