MAP NO.	**ASSESSMENT REPORT**	**X**	**DOCUMENT NO.:**	092081
	PROSPECTUS		**MINING DISTRICT:**	WATSON LAKE
	CONFIDENTIAL	**X**	**TYPE OF WORK:**	Diamond Drilling
105 F 10	**OPEN FILE**			

REPORT FILED UNDER: Cominco Ltd

DATE PERFORMED: September 7 - October 2, 1987 **DATE FILED:** February 11, 1988

LOCATION: **LAT.:** 61°33'N **AREA:** Seagull Lake

LONG.: 132°40'W **VALUE $:** 87,600.00

CLAIM NAME & NO.: TAY 1-21; LP 1-175; JEF 1-51

WORK DONE BY: I.A. Paterson

WORK DONE FOR: Cominco Ltd.

DATE TO GOOD STANDING		**REMARKS:** TAY (LP) #109

Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada

RECEIVED
FEB 11 1988
REGIONAL GEOLOGY OFFICE

TRANSMITTAL FORM

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
FEB 11 1988

M.R. file no.	
R.M.M.R. file no.	
Date forwarded	9 Feb 88

From ▶ Mining Recorder at: Watson Lake

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name:
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name: — Lease no.:
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name: — Lease no.:
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From: — To:
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner:
- ☑ DIAMOND DRILL LOGS — Claims: TAY-LF (LF 13, TAY 14, TAY 8, [illegible]) — Claim sheet no.: 105-F-10.
- ☑ QUARTZ ASSESSMENT REPORT — Claims: — Claim sheet no.:

Type of report: — Submitted by:

Cls. work performed on: — $ req. for ren. application: 87600.00

Location of Drill Core to be forwarded when rec'd

[illegible] for F. L. McLeod.
Signature

092081

REPLY ACTION

Date returned:

Signature

802-6027-26 (6-86)

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

8 February, 1988

340-13-3

Your file *Votre référence*

DIRECTOR GENERAL, YUKON REGION *Our file* *Notre référence*

ATTENTION: REGIONAL MANAGER MINERAL RIGHTS

RESTRICTED

Enclosed are Diamond Drill Logs etc., submitted by Cominco Ltd. for assessment on the TAY and LP mineral claims located on 105-F-10.

Drilling was as follows.

DDH 87-06	LP 13	30.75m	DDH 87-12	TAY 20	119.5 m
DDH 87-07	LP 13	28.3m	DDH 87-13	TAY 19	83.5m
DDH 87-08	TAY 14	99.6m	DDH 87-14	TAY 19	111.9m
DDH 87-09	TAY 8	97.7m	DDH 87-15	TAY 19	90.5m
DDH 87-10	TAY 8	78.9m	DDH 87-16	TAY 20	157.7m
DDH 87-11	TAY 20	63.0m			

We have requested the location of the drill core and will advise when received. Assessment credit requested is $ 87,600.00.

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Mining District
P. O. Box 269
Watson Lake, Yukon
YOA 1CO

NJM

cc: Regional Geologist

Canada

092081

COMINCO EXPLORATION
700-409 Granville Street/Vancouver, B.C./Canada V6C 1T2/Tel. (604) 682-0611/Telex 04-507730

VIA FAXCOM

Cominco Exploration
A Division of Cominco Ltd.

Mining Recorder,
Watson Lake M.D.,
P.O. Box 269,
WATSON LAKE, Yukon
YOA 1CO

February 23, 1988

Dear Ms. McLeod:

Re: Tay-Lp Report - Diamond Drilling

In response to your letter dated February 12, 1988, please be advised that the drill core is stored on mineral claim Tay 19, on the road near the old camp. I apologize that this information was not included in the Drilling Report.

Yours truly,

S. A. Weller
Records Technician
Exploration
Western District

SAW/jel

09-081

EXPLORATION

COMINCO LTD.

WESTERN CANADA

27 January 1988

ASSESSMENT REPORT

DIAMOND DRILLING REPORT

ON THE

TAY-LP CLAIMS

PELLY MOUNTAINS

WATSON LAKE M.D., Y.T.

LATITUDE: 61°33'N, LONGITUDE: 132° 40'W

DRILLING PERFORMED

SEPTEMBER 7 - OCTOBER 2, 1987

REPORT BY:

I.A. PATERSON

TABLE OF CONTENTS

ATTACHMENTS

APPENDIX 1 - Drill Logs
EXHIBIT A - Statement of Expenditures
EXHIBIT B - Statement of Qualifications
EXHIBIT C - Statement

FIGURES

Figure 1 - Tay-LP Location Map (1:1,000,000)
Figure 2 - Tay-LP Claim Map

PLATES

Plate 1 - Tay-LP Geology, Drill hole locations, grid and Claim Boundaries (1:5000)
Plate 2 - Tay-LP Section 18+85S, DDH LP 87-06,07 (1:500)
Plate 3 - Tay-LP Section 22+00S, DDH LP 87-08 (1:500)
Plate 4 - Tay-LP Section 10+00S, DDH LP 87-09 (1:500)
Plate 5 - Tay-LP Section 8+00S, DDH LP 87-11 (1:500)
Plate 6 - Tay-LP Section 6+00S, DDH LP 87-12 (1:500)
Plate 7 - Tay-LP Section 4+00S, DDH LP 87-13,14 (1:500)
Plate 8 - Tay-LP Section 2+00S, DDH LP 87-15 (1:500)

COMINCO LTD

EXPLORATION WESTERN CANADA

1987 YEAR END REPORT

DIAMOND DRILLING ON THE TAY-LP CLAIMS

INTRODUCTION

The purpose of the 1987 drilling report on the Tay-LP claims was to locate the source of a number of quartz + pyrrhotite and schist boulders which contained gold values in the 1 to 27 g/t range. Geophysical work and follow up diamond drilling in 1985 had indicated that the probable source of the boulders was a series of quartz + pyrrhotite +/- chalcopyrite veins which appeared to be continous and traversed the property in a northwest-southeast direction. The veins were therefore drilled in the vicinity of boulder concentrations, magnetic anomalies and E.M. anomalies.

Work in 1987 was carried out between the 7th September and the 2nd October 1987 and involved drilling 11 NQ diamond drill holes with a total length of 961 metres. Drilling was carried out by Caron Diamond Drilling of Whitehorse, Y.T. The drill was mobilized by truck from Whitehorse to the property via the Canol and Groundhog Creek roads to Seagull Lake and then 9 km south of the camp using the road on the east bank of Seagull Creek. A D6 caterpillar tractor was used to make drill sites and access roads. Personnel involved on the project were I. Paterson, M.J. Moore, (geologists, Cominco Ltd.) and a four man drill crew supplied by Caron Diamond Drilling.

Details of previous work on the property are given in the 1985 assessment reports.

LOCATION AND ACCESS

The LP and Tay claim groups are located 165 km northeast of Whitehorse and 60 km south-southwest of Ross River (Figure 1). A four-wheel drive road connects the property with Seagull Lake (9.5 km) and the Canol road (30 km, 2 hrs). The claims can also be reached by helicopter from Whitehorse or Ross River, or by float plane to Seagull Lake.

TOPOGRAPHY AND VEGETATION

The claims are located in the valley and on the flanks of Seagull Creek. Elevation of the valley floor is between 100 and 1150 metres. Mountains on either side rise to 1900 metres.

Rock exposure is generally poor as much of the valley floor is covered with fluvio-glacial material or river gravels. Some rock exposure is present on the banks of Seagull Creek.

The valley floor is flat and generally covered with muskeg, willow or alder. Seagull Creek meanders along the valley creating numerous sloughs, gravel banks and ponds along its length.

Between elevations 1150 and 1450 m the flanks of the valley are forested with northern black spruce and dwarf birch. Above 1450 m alpine vegetation is present.

TENURE

The Tay and LP claims (Figure 2) are held by Cominco Ltd. under option from Peter Long, Jim Schnare and Ted Bartsch formerly from Faro and now residing in Ontario, B.C. and Whitehorse respectively.

The claims which are subject to the option agreement with Long et al are:

Claim	Due Date	No. Claims
Tay 1-21	December 7, 1989	21
LP 1-4	December 7, 1990	4
LP 7-63	December 7, 1989	57
LP 64-73	December 7, 1990	10
LP 78-91	December 7, 1990	14
LP 165-175	December 7, 1988	11
Jef 1-7, 13-15	February 19,1988	10
Jef 17, 19, 43-51	February 19,1988	11

The following claims belong 100% to Cominco Ltd.

Claim	Due Date	No. Claims
LP 74-77	December 7, 1990	4
LP 92-93	December 7, 1990	2
LP 103-116	December 7, 1990	14
LP 125-140	December 7, 1990	16
LP 149, 151-164	December 7, 1990	15
Jef 8, 9-12	February 19,1988	5
Jef 16, 18, 20-42	February 19,1988	25
		81

The total number of claims constituting the Tay-LP property is 219.

DIAMOND DRILLING

A total of 11 NQ diamond drill holes were completed on the property in 1987 (961 m). Maximum and minimum lengths of holes were 157.7 m and 30.75 m. Drilling conditions were good with maximum overburden depth at 10 m (vertical). Recovery averaged 97-98%.

Drill hole locations were dependant on EM and magnetic anomalies, distribution of mineralized boulders and presence of limestone (Plate 1). Sections are given in Plates 2-8. Detailed drill logs are given in the Appendix.

DDH LP 87-06

Lithology

0- 3.1 m	overburden
3.1-12.3	banded limey skarn with increasing pyrrhotite
12.3-17.8	quartz + pyrrhotite +/- chalcopyrite vein stockwork with schist inclusions between 14.6 and 15.8 m
17.8-25.3	quartz + biotite schist
25.3-27.3	quartz + muscovite granitic sill with traces of tourmaline and pyrite
27.3-30.75	quartz + biotite schist

Assays

9.7-11.7 m	0.960 g/t)	
11.7-13.7	2.40 g/t)	1.28 g/t over 8 m
13.7-15.7	1.23 g/t)	
15.7-17.7	0.55 g/t)	

DDH LP 87-07

Lithology

0- 2.5 m	overburden
2.5-16.3	banded skarn
16.3-18.6	quartz + pyrrhotite + tourmaline vein
18.6-20.2	quartz + biotite schist with pyrrhotite
20.2-26.8	quartz + pyrrhotite + tourmaline vein
26.8-28.3	muscovite + tourmaline granitic sill

Assays

16.3-18.3 m	2.26 g/t)	
18.3-20.3	0.55)	1.12 g/t over 6 m
20.3-22.3	.55)	

DDH LP 87-08

0- 5.7 m	overburden
0-38.2	quartz + biotite schist with calcareous schist intercalations
38.2-45.4	quartz + biotite schist with pyrrhotite and tourmaline; locally contorted; quartz + pyrrhotite veins; good conductor
45.4-57.9	calcareous quartz + biotite schist
57.9-83.0	biotite + quartz + chlorite schist
83.0-91.8	tourmaline + quartz + pyrrhotite altered schist, moderately conductive
91.3-99.6	quartz + biotite + calcite schist

Assays

No significant assays. Highest value was 138 ppb. Au between 17.8 and 19.8 m

DDH LP 87-09

Lithology

0 -13.3 m	overburden
13.3-16.6	calcareous biotite schist
16.6-17.5	quartz + pyrrhotite vein, good conductor
17.5-36.6	calcareous biotite schist; locally contorted
36.6-37.4	carbonate breccia; moderate conductor
37.4-45.1	biotite schist
45.1-72.7	quartz + pyrrhotite veins stockwork in silicified, tourmalinized schist; good conductor; 7.5 m of veins with 3-20% pyrrhotite
72.7-97.7	biotite schist; locally calcareous or contorted

Assays

16.5-18.5 m	2 m of 3.36 g/t Au (quartz + po vein)
51.5-53.5	2 m of 4.04 g/t Au (altered schist)

DDH 87-10

Lithology

0- 9.5 m	overburden
9.5-13.0	calcareous biotite schist
13.0-25.0	quartz + pyrrhotite + tourmaline vein stockwork in a silicified biotite + tourmaline schist
25 -43.9	calcareous biotite schist
43.9-44.7	quartz + pyrrhotite + tourmaline vein
44.7-67.1	silicified biotite schist. Locally tourmalinized
67.1-68.0	quartz + tourmaline vein
68.0-78.9	calcareous biotite schist with silicified tourmalinized contorted zone

Assays

No significant assays. Note Au rock geochemical anomaly between 13 and 19 m (average 480 ppb Au).

DDH 87-11

Lithology

0-11 m	overburden
11.1-29.8	chlorite + biotite schist with minor calcite
29.8-36.0	biotite + tourmaline schist
36.0-39.5	chlorite + biotite schist
39.5-44.9	banded limestone
44.9-46.6	limestone with quartz + pyrrhotite veins
46.6-63	biotite schist

Assays

No significant Au values reported. Best mineralization was at lower limestone contact (2 m of 1532 ppb Au).

DDH 87-12

Lithology

0- 8.8 m	overburden
8.8-10.8	limestone
10.8-34.1	calcareous schist
34.1-41.9	chlorite biotite schist
41.9-47.4	biotite schist
47.4-56.5	limestone
56.5-65	biotite schist - patches of silicification/tourmalinization
65 -74.9	silicified biotite schist with quartz + pyrrhotite veins
74.9-103.7	biotite schist with calcareous sections
103.7-112.7	schist with quartz + tourmaline + pyrrhotite veins

Assays

No significant values reported. Stockwork zone between 104 and 112 m gives values of 40-1000 ppb Au.

DDH 87-13

0- 7.6 m	overburden
7.6- 8.8	biotite schist
8.8-21.4	limestone
21.4-25.4	calcareous schist with quartz + pyrrhotite veins (25%)
25.4-44.5	biotite schist - silicified and tourmalinized
44.5-59.1	quartz + pyrrhotite + tourmaline vein with schist inclusions (15%).
59.1-83.5	biotite schist; some veins

Assays

46.6-50.6 m	4 m of 3.7 g/t Au
56.0-58.0	2 m of 3.3 g/t Au
67.1-68.1	2 m of 1.6 g/t Au

DDH 87-14

Lithology

0- 7.1 m	overburden
7.1-11.1	limestone
11.1-11.3	fault gouge
11.3-18.1	calcareous schist
18.1-35.1	limestone
35.1-36.3	silicified schist with quartz + tourmaline veins
36.3-79	biotite schist with veins
79.0-86.3	tourmalinized schist with quartz + pyrrhotite veins
86.3-99.4	quartz + pyrrhotite + pyrite + tourmaline vein
99.4-111.9	biotite schist

Assays

35.3-36.3 m	1 m of 1.5 g/t Au
95.0-99 m	4 m of 1.5 g/t Au
87.0-89.0	2 m of 4.2 g/t Au

DDH 87-15

Lithology

0-12 m	overburden
12-35.3	calcareous biotite schist
35.3-43.6	limestone
43.6-54.1	calcareous biotite schist
54.1-90.5	6 m of quartz + pyrrhotite veins in 29 m of contorted silicified schist

Assays

54-56.0	2 m of 3.4 g/t Au
60-62.0	2 m of 1.4 g/t Au
66-68.0	2 m of 2.2 g/t Au

DDH LP 87-16

Lithology

0-13.8	overburden
13.8-23.6	limestone
23.6-80.1	biotite schist with minor veining
80.1-95.1	calcareous biotite schist
95.1-99.4	biotite schist with silicification and tourmalinization
99.4-118.8	quartz + pyrrhotite + tourmaline +/- chalcopyrite vein stockwork (6 m) in silicified biotite schist
118.8-157.7	calcareous biotite schist

Assays

107.4-109.4 m	2 m of 1.37 g/t
111.4-113.4	2 m of 1.58 g/t

CONCLUSIONS

The 1987 drilling gave disappointing and inconclusive results. Typical "best" gold values were 2 m of 4.04 g/t Au, 2 m of 3.36 g/t Au (LP 87-9), 4 m of 3.7 g/t Au (LP 87-13) and 2 m of 3.4 g/t Au (LP 87-15). The average grade of all the assayed sections of drill core is considerably less than the average grade of the mineralized boulders found on surface.

Report by: _____
I.A. PATERSON
Project Geologist,

Approved for
Release by: _____
W.J. WOLFE,
Manager, Exploration-
Western Canada.

IAP/pm

APPENDIX 1

Drill Hole Record

COMINCO

Property Tay-LP	District Watson Lake	Hole No. LP-87-6	Page 1 of 2	
Commenced 15/9/87	Location	Tests at -	Horiz. Comp. 21.74 m	
Completed 15/9/87	Core size NQ	Corr. dip -45	Vert. Comp. 21.74 m	
Coordinates 18+85 S 2+72 E		True Brg. 053	Logged by IAP/MJM	
Objective To test Au showing and EM conductor.		% Recov. 98%	Date December 22, 1987	

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.00	3.1	Casing in gravel/overburden.					
3.1	9.7	Grey, pale green and dark brown banded skarn. 50% grey calcite + quartz bands (5 cm max width) 25% dark brown biotite + quartz bands 25% pale green to oatmeal diopside + clinozoisite bands Core angles approx 60 at 4.6m and 7.4m: quartz vein 8.3 to 9.1m with trace po	7.70	9.70	0.0		
9.7	12.3	Banded skarn with pyrrhotite Similar to above but has pyrrhotite + pyrite bands parallel to the foliation: c/a = 70; quartz vein 10.35 to 10.55m; note cross-cutting po + cpy +py vein (1 cm) between 12 and 12.3 m (c/a = 20)	9.70	11.70	692	0.960	
12.3	14.65	Quartz + pyrrhotite + lesser cpy + py in vein. Some massive sulphide sections as well as banded skarn. 12.3-12.4 m: banded pale green to grey brecciated skarn (c/a = 55) 12.4-12.5 m: Massive po (80 %), quartz eyes (10 %), pyrite (8%), cpy(2%) in qtz vein ; irregular contact = 70; some net texture around and within qtz qtz eyes 12.5-12.7 m: Po + py irregular mineralization of banded skarn; some po + py bands and cross-cutting veins with irregular brecciated contact. 12.7-13.5 m: Qtz + po vein with remnant foliated skarn (po along foliation) patches; fracture controlled sulphides 10% of vein (8% po, 1% py, 1% cpy) 13.5-13.6 m; bt + po vein with c/a = 35; subhedral qtz and bt eyes 13.6-14.0 m; qtz + po vein breccia with remnant skarn and fracture controlled po 14.0-14.1 m; banded grey to pale green brecciated skarn; sharp contacts (c/a=50) 14.1-14.65 m; qtz + po vein; po + cpy fracture controlled mineralization.	11.70	13.70	2080	2.400	

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-6 Page 2 of 2

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
14.65	15.8	Bt + qtz + po schist with minor calcite. Po replacement along foliation (c/a =70); po content varies from 5% (14.65--15.5) to 25% (15.5-15.8)	13.70	15.70	872	1.234	
15.8	16.1	Qtz + po + cc + bt brecciated vein Sub angular qtz clasts in po (10 - 40%) matrix.	15.70	17.70	640	0.549	
16.1	17.8	Qtz(95%) + po(5%) vein; minor cpy and py Patches of po along fractures					
17.8	25.3	Qtz + bt schist - grey and brown bands. 20.7 m: 2 cm py vein with c/a = 25 degrees; may be skarn replacement parallel to foln. 22.1 m to 22.2 m - tourmaline alteration parallel to and crosscutting foliation. 24.0 m: green to grey skarn replacement - diopside + clinozoisite; c/a = 20 25.1 m: c/a = 40 degrees.	17.70	19.70	40		
25.3	27.3	Qtz + musc granitic sill with traces of tourmaline and py. Mottled grey to white colour; contacts sub-parallel to foliation; c/a = 60 ^{0}	25.30	27.30	0.0		
27.3	30.75	Qtz + bt schist Dark brown to grey in colour; c/a = 65%; note six 2 -5 cm zones of diopside + cc + clinozoisite along foliation replacing bt schist; c/a = 60 ^{0}					
		E.O.H.					

Drill Hole Record COMINCO

Property Tay LP	District Watson Lake	Hole No. LP-87-7	Page 1 of 2	
Commenced 16/9/87	Location	Tests at	Horiz. Comp. -	
Completed 17/9/87	Core size NQ	Corr. dip -90	Vert. Comp. 28.3 m	
Coordinates 1885S 271E		True Brg.	Logged by MJM	
Objective To test for mineralization down dip		% Recov. 99%	Date September 20, 1987	

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0	2.5	Casing in overburden					
2.5	16.3	Grey, Pale green and dark banded skarn.	7.00	8.00	0.0		
		60 % grey calcite + quartz bands	14.30	16.30	80		
		25 % bt + qtz bands					
		15 % pale green diopside and oatmeal clinozoisite bands					
		c/a 80 to 85°: traces of disseminated py + po throughout					
		7.3 to 7.5 m: qtz + po vein with c/a of contact = 60°: disseminated					
		py + po (2 %): bt rich envelope to vein with disseminated py + po.					
		10.6 to 11.0 m: 90 % banded skarn					
		16.0 to 16.3 m: 1 % disseminated po in banded skarn.					
16.3	18.6	Qtz + po + tourmaline vein with some qtz + bt schist.	16.30	18.30	1584	2.263	
		Contact c/a of qtz veins = 80					
		16.3 - 17.0 m: po (10-40 %); massive sections contain qtz eyes; mineralization					
		overprints qtz + bt schist.					
		17.0 - 18.0 m: qtz + po + tourm vein with trace cpy + py; 5 % tour; foliated					
		with c/a = 87°; 10 % po - mainly fracture controlled blebs in qtz vein;					
		and along foliation.					
18.6	20.2	Schist with qtz + bt + po replacement along foliation.	18.30	20.30	420	0.549	
		4 % po + tr py; c/a = 85°					
20.2	26.8	Qtz(75%) + po(10%) + tour(10%) + bt(5%) vein	20.30	22.30	260	0.549	
		Traces of cpy and py; occasional schistose sections in which tour has partly	22.30	24.30	104		
		replaced bt; veins sometimes have drusy qtz selvages with po + qtz eyes in	24.30	26.30	72		
		the centre; po is dominantly fracture controlled but also forms the matrix					
		to brecciated qtz.; foliated sections have c/a = 85°;					

092081

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-7 Page 2 of 2

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
		25.8 - 26.8 m: muscovite is present in the qtz + po + tour vein.					
26.8	28.3	Qtz + po + tour + musc granite - sill-like Note gradational contacts between the sill and the above mentioned vein; 26.8 - 26.9 m: granitic sill with disseminated euhedral tour (1-4 mm); 26.9 - 27.8 m: qtz + po + massive tour + musc vein grading in to sill-like unit; 27.8 - 28.3 m: granitic sill with disseminated tourmaline and arsenopyrite.	26.30	28.30	20		
E.O.H.							

Drill Hole Record

COMINCO

Property	Tay-LP	District Watson Lake	Hole No.	LP-87-8	Page 1 of 4
Commenced	17/9/87	Location	Tests at		Horiz. Comp. 70.42m
Completed	18/9/87	Core size NQ	Corr. dip	-45	Vert. Comp. 70.42m
Coordinates	2200S 755E		True Brg.	243	Logged by MJM
Objective	To test E.M. conductor		% Recov.	98 %	Date September 20, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0	5.7	Casing in overburden.					
5.7	10.9	Dark grey to brown bt + qtz schist 5.7 - 9.3 m: strong foliation with c/a = 30; at 9.3 m contortion of the foliation changes the c/a to 85; four qtz + po + musc veins (1 cm) cut the schist at c/a = 40; 2 mm qtz "sweats" parallel to the foliation. 9.3 - 10 m: c/a foliation = 85; two qtz + musc + po + py veins (2 cm) cut bt schist with c/a = 30.					
10.9	15.8	Cc + bt + qtz schist Note white cc banding (5-3 cm); foliation c/a = 70 13.7 m: two qtz + po + chlorite veins; c/a =10.					
15.8	19.8	Contorted schist with irregular po + py + qtz veins and disseminations. Weak foliation with c/a 25 to 40°; cc content is low; moderately conductive.	15.80 17.80	17.80 19.80	88 138		299 270
19.8	24.55	Cc + bt + qtz schist 1-5 mm cc bands; c/a foliation = 35° ;1 to 3 cm qtz + chl veins; 23.3 - 23.4 m: brecciated calcareous schist - no po.					
24.55	27.6	Bt schist with 3 % po along foliation. Note irregular qtz veins (1-3 cm - 3 per m); low cc content; trace py and cpy foliation c/a = 55°; weakly conductive.	24.50	26.50	104		132

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-8 Page 2 of 4

Footage From	Footage To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
27.6	30.6	Cc + bt + qtz schist White (cc) and brown (bt) banded core (2-8 mm); c/a = 50°; 3 1 cm qtz + bt veins (c/a = 35°).					
30.6	34.2	Contorted calcareous schist Change in c/a to 10°; po content increases; 31.6 - 33.6 m : 3% po replacement along foliation; note 3 cm qtz(20%) + po(80%) vein at 32.6 m with c/a = 20° weakly conductive.	31.60	33.60	40		161
34.2	37.1	Calcarous schist with c/a = 40°					
37.1	38.2	Qtz + bt schist Foliation c/a = 80° at 37.5 note 2 cm qtz + chl + po (10%) vein (c/a = 80%)					
38.2	40.0	Contorted qtz + bt + po(4%) schist. Good conductor; po and minor py + qtz occur along foliation and in qtz veins; 39.1 - 39.25 m ; qtz(45%) + po(45%) + cpy(5%) vein with c/a = 80°; 39.7 - 40.0 m : qtz(70%) + tour(25%) + po (5%) vein with c/a = 20°	38.00	40.00	78		262
40.0	43.9	Qtz + bt + po(1%) + tour(2%) schist Ten sub-parallel qtz + po + tour veins (1-3 cm, c/a =45degr) cut foliation; po also occurs along foliation especially in tourmalinized areas.					
43.9	45.4	Qtz + bt + po + tour schist c/a = 70°; 4% po; 40% qtz; bt 50%; tour 6%; moderate conductor	43.90	45.90	128		198

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-8 Page 3 of 4

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
45.4	54.5	Bt(80%) + qtz(19%) + cc(1%) schist 45.4 -50.3 m: qtz veins (1-4 cm) are parallel to the foliation (c/a = 40 degr)					
54.5	57.9	Cc + bt schist Weakly foliated (c/a = 40 degr); 57.0 - 57.3 m: foliation contorted with c/a = 5^0					
57.9	83.0	Bt + qtz + chl schist	72.90	73.90	20		32
		70.1 - 80.0 m: foliation contorted with c/a = 10^0	81.70	83.70	0.0		30
		72.9 - 73.9 m: qtz + chl + cc veins parallel to foliation (c/a = 45 degr); po(2%) and trace arsenopyrite; weakly conductive. 80.1 - 80.2 m: qtz + chl vein parallels foliation with c/a = 50^0 83 m: contortion of foliation from c/a 45 to 15^0					
83.0	91.8	Tourmaline +qtz + po altered schist	83.70	85.70	0.0		98
		Moderately conductive with traces of py and cpy;	85.70	87.70	0.0		56
		83.0 - 83.8 m: bleached bt + qtz schist with c/a = 10^0	87.70	89.70	0.0		72
		83.8 - 84.2 m: tour(90%) +po(4%) + py(1%) + qtz (5%); foliation contorted;	89.70	91.70	0.0		64
		gradational contacts. 84.2 - 85.5 m: bt + qtz + tour schist; c/a = 25^0 85.5 - 85.7 m: tour(90%) + po(2%) + qtz(8%); c/a = 50^0 86.4 - 86.6 m: tour + qtz + po(2%) breccia cross-cutting silicified qtz + bt schist; c/a of contact = 30^0 88.0 - 88.9 m: tourmalinized qtz-veined schist; c/a of contacts and foliation = 60^0; tour(80%), qtz(17%), po(3%). 90.4 - 90.8 m: schist with trace of po; c/a = 40^0 90.8 - 91.8 m; tour(90%) + qtz(7%) + cc(1%) + po(2%) schist; tour occurs in both massive and foliated varieties; c/a = 40^0; cc occurs as euhedral crystals 3 mm in length;					

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-8 Page 4 of 4

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
91.8	93.3	Qtz + po + tour vein Po occure as blebs in qtz and along the foliation in tourmalinized rock; vein contacts are parallel to the foliation.	91.70	93.70	0.0		85
93.3	99.6	Qtz + bt + cc schist 96.3 m : contortion of foliation; c/a changes from 55 to 25^{0}; at 96.3 and 99.3 m white bands of cc are present.	93.70	95.00	20		59

E.O.H.

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No.	LP-87-9	Page 1 of 2
Commenced	19/8/87	Location	Tests at		Horiz. Comp. 69.1 m
Completed	20/9/87	Core size NQ	Corr. dip -45		Vert. Comp. 69.1 m
Coordinates	1000 S 910 E		True Brg. 243		Logged by MJM
Objective	To test EM conductor and mag high		% Recov. 96%		Date September 21, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0	13.3	Casing in overburden					
13.3	16.6	Calcareous bt schist Cc(60%) with bands up to 10 cm width; bt(40%)- bands up to 2 cm; disruption of bt bands produces a boudinage appearance; c/a of foliation = 25°					
16.6	17.5	Qtz + po + cpy vein Good conductor; vein contacts at 16.45 m are parallel to the foliation (c/a = 25 degr); at 17.35 m vein cuts foliation at c/a = 85 degr; qtz(55%) is brecciated at contacts with massive po; po(43%) is massive for 15 cm and is also disseminated within qtz; cpy(2%) occurs with po.	16.50	18.50	2350	3.360	279
17.5	18.5	Contorted bt + cc schist Po(7%) and cpy(1%) mineralization parallels foliation.					
18.5	28.9	Calcareous bt schist Foliation c/a = 30°; about 30 1 cm bands of po replacement along foliation.					
28.9	29.0	Brecciated calcareou bt schist 3% disseminated po + py					
29.0	36.6	Calcareous bt schist Foliation c/a = 42°; no sulphides.					
36.6	37.4	Carbonate breccia with 2% py Moderate conductor; fault breccia?					

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-9 Page 2 of 2

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
37.4	45.1	**Bt schist** Note qtz + carb veins cutting the foliation (1 cm, c/a = 50°) At 38.5 m, schist becomes bt rich (85%) with 15% cc; c/a = 50°					
45.1	72.7	Qtz + po + tour vein stockwork in silicified, tourmalinized bt schist. Note bleached and silicified blue-grey schist; tourmalinization is less common and has a banded appearance; c/a's are mainly around 60° except between 55.9 and 58 m where folding gives c/a's of 20°; tourmaline occurs as selvages to qtz + po veins. The veins contain po(3-20%), py(0.5-1%) and cpy(0.5-1.5%); most veins parallel the foliation but at least 2 are vertical; The main veins occur between 45.7 - 46.1 m, 46.9 -49.1 m, 53.9 - 55.7 m, 57.6 - 57.8 m, 61.0 - 61.8 m and 62.5 - 63.5 m. (smaller veins are omitted).	45.50	47.50	0.0		93
			47.50	49.50	0.0		258
			49.50	51.50	0.0		92
			51.50	53.50	3280	4.046	97
			53.50	55.50	0.0		56
			55.50	57.50	0.0		119
			57.50	59.50	0.0		111
			59.50	61.50	0.0		67
			61.50	63.50	22		146
			63.50	65.50	0.0		85
			65.50	67.50	20		119
			67.50	69.50	20		145
			69.50	71.50	36		232
			71.50	73.50	22		129
72.7	83.1	**Bt schist with a few calcareous bands** 76.7 - 83.1 m: c/a of foliation varies erratically from 50° to 5°; contains a few qtz veins (parallel to foliation) with low sulphides.					
83.1	85.9	**Contorted tour + cc schist** Minor blebs of po					
85.9	97.7	**Bt + qtz schist with 5% cc bands** 85.9 - 92.0 m: foliation c/a = 60°; no sulphides; four 2 cm qtz + chl veins sub-parallel to the foliation.					
E.O.H.		92.0 - 94.3 m: c/a changes to 40°					

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No.	LP-87-10	Page 1 of 2
Commenced	20/9/87	Location	Tests at		Horiz. Comp.
Completed	21/9/87	Core size NQ	Corr. dip	-90	Vert. Comp. 78.9 m
Coordinates	911 E 1000 S		True Brg.	243	Logged by MJM
Objective	To test for manto type mineralization		% Recov.	98%	Date September 22, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0 -	9.5	Overburden					
9.5 -	13.0	Calcareous bt schist Foliation c/a = 70°; 80% of schist consists of cc bands 1 - 5 cm in thickness; the remaining 20 % consists of bt bands (1 - 3 cm).					
13.0 -	25.0	Qtz + po + tour vein stockwork in a silicified bt + tour schist Schist c/a varies from 45 - 70°; 1% po parallel to foliation; vein contacts are also sub-parallel to foliation; vein contains qtz (70 %), po (10 - 20 %), cpy (1 %), py (1.5 %) and tour (10 - 15%); foliation steepens as it approaches vein contacts.	13.00	15.00	272		58
			15.00	17.00	380		178
			17.00	19.00	796		75
			19.00	21.00	0.0		58
			21.00	23.00	42		77
			23.00	25.00	80		159
25.0 -	43.9	Banded qtz + bt + cc schist 60% bt, 20% qtz, 20% cc; consistent c/a = 80°; 34.4 - 35.1m: 3 qtz veins (3cm) parallel to foliation with 2% po, 0.5% cpy; 39.1 - 39.2m: silicification and tourmaline alteration parallel to foliation.	25.00	27.00	20		41
43.9 -	44.7	Qtz + po(3%) + py(1%) + tour vein C/a of foliation = 70°; vein contact c/a =45°; 2 mm cc crystals occur in tourmaline.	34.40	35.40	0.0		60
44.7 -	51.5	Silicified bt schist c/a foliation = 75°; 8% po replacement between 49 and 50 m.	43.70	44.70	0.0		64
51.5 -	53.0	Contorted tourmalinized schist. Note tour replacement parallel to foliation; between 52.4 and 53 m tour is massive with trace of cc.					

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-10 Page 2 of 2

Footage From To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
53.0 - 67.1	Silicified bt schist c/a = 70^0; one 3 cm qtz + po + tour vein.					
67.1 - 68.0	Qtz + tour + py(1%) vein Vein contacts sub-parallel to foliation(c/a = 55^0).	49.00	50.00	374		275
68.0 - 70.8	Calcareous bt schist c/a = 80^0					
70.8 - 74.3	Silicified tourmalinized contorted bt schist Sulphides(3%) are dominated by py rather than po; 73.6ages; c/a of contacts = 55^0 (parallel to foliation).	67.10	68.10	40		68
74.3 - 78.9	Calcareous bt schist with cc bands Cc(40%), bt(60%); c/a of foliation = 88^0; occasional blebs of py.					

End of Hole

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No.	LP-87-11	Page 1 of 2
Commenced	21/9/87	Location	Tests at		Horiz. Comp. 44.5 m
Completed	22/9/87	Core size NQ	Corr. dip	-45	Vert. Comp. 44.5 m
Coordinates	800 S 510 E		True Brg.	243	Logged by M.M
Objective	To test weak E.M. conductor		% Recov.	96%	Date September 24, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.0	11.1	Casing in overburden					
11.1	19.5	Chlorite(80%) + biotite(15%) + calcite(5%) schist The schist is weakly magnetic (0.2% disseminated po), non conductive ; core angle of foliation : 11.1 - 11.7 = 30 °; 11.7 - 19.5 = 50°					
19.5	29.8	Chlorite(95%) + bt(4%) + cc(1%) schist Foliation core angle = 42°; 22.0 - 23.0 m: two 3 cm qtz + tour(5%) + po(5%) + cpy veins in a chloritic schist; veins(c/a = 20°) cut the foliation(42° c/a) 28.2 - 28.25 m: qtz + po(10%) with irregular contacts; 29.6 - 29.8 m: qtz(80%) + po(10%) + tour(10%) vein with irregular contacts.	22.00	23.00	1602		38
29.8	36.0	Biotite(85%) + qtz(5%) + tour(10%) schist Note qtz + chl veins(1-3 cm) sub-parallel to the foliation(c/a = 50 °); 33.2 -33.5 m: qtz + tour altered schists bounded by broken up schistose rocks and qtz + ankerite veins; possible fault zone?					
36.0	39.5	Chlorite + bt schist C/a = 45°					
39.5	44.9	Banded grey to white limestone Both upper and lower limestone/schist contacts are mineralized; 39.5 - 39.57 m: upper contact - c/a = 80°; 7 cm of massive py. 42.0 - 42.1 m: silicified limestone with styolites(c/a = 80°).	44.60	46.60	1532		200

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-11 Page 2 of 2

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm

44.9 46.6 Biotite limestone with qtz + po veins
Six veins with composition qtz(60%), po(30%), py(2%), cpy(1%) and cc(4%) occur in limestone; brecciation of calcite and qtz is common with sulphides forming the matrix; vein contacts parallel a weak foliation , c/a =45°
45.3 - 45.6 m: po(60%) vein breccia with 20 cm true thickness;46.4 - 46.6 m: possible fault gouge; no change in c/a.

46.6 61.0 Bt(80%) + qtz(10%) + chl(5%) + cc(5%) schist
Minor disseminated po along foliation(0.2%); c/a = 60°

61.0 63.0 Schist with calcite, chlorite and biotite bands
Bands are 0.2 - 3 cm in width; no sulphides.

END OF HOLE

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No. LP-87-12	Page 1 of 4
Commenced	22/9/87	Location	Tests at	Horiz. Comp. 84.5 m
Completed	23/9/87	Core size NQ	Corr. dip - 45	Vert. Comp. 84.5 m
Coordinates	600 S 539 E		True Brg. 243	Logged by MJM
Objective	To test magnetic and E.M. anomalies		% Recov. 99%	Date September 25, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.0	8.8	Casing in overburden					
8.8	10.8	Massive grey white limestone Core angle of lower contact is 45°					
10.8	24.1	Calcareous schist with 60% cc bands(1 -10 cm) + 25% bt + 15% chl 10.8 - 14.5 m: 3 qtz + chl + trace po veins(1 - 3 cm) ; parallel to foliation; 14.5 - 16.6 m: foliation c/a = 40° 16.6 - 16.8 m; qtz + chl + trace po vein; width 20 cm; parallel to foliation; 16.8 - 24.1 m; c/a of foliation = 30° note gradual decrease in c/a down the hole.					
24.1	26.1	Calcareous schist with qtz + po(5%) + tour(15%) veins Note trace cpy and py in veins between 24.5 - 24.8 and 25.7 - 26.0; contacts are irregular with approximate core angle = 75°	24.10	26.10	180		66
26.1	34.1	Calcareous schist with 60% cc bands(1-7 cm) + 30% bt + 10% chl C/a of foliation = 50					
34.1	41.9	Bt(50%) + chl(45%) + cc(5%) schist c/a = 50° disseminated po produces weak magnetism.					
41.9	42.7	Contorted bt schist with qtz + po(2%) + tour(10%) veins. Five veins (2 -10 cm) with 2% po and 1% py; at 42.7 m c/a changes from 50 to 83°	41.90	42.90	0.0		47

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-12 Page 2 of 4

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
42.7	43.9	Bt schist with minor chl C/a of foliation = 85°					
43.9	47.4	Contorted bt + musc schist with qtz + tour alteration Fault/alteration zone; contacts are gradational; foliation is contorted with c/a = 60 - 75°; 2% py occurs in qtz + tour veins which constitute 30% of this zone; at lower contact there is 2 cm of pyrite between schist and limestone.	43.90 45.90	45.90 47.40	0.0 0.0		32 41
47.4	56.5	Weakly banded grey - white limestone 49 - 50.1 m: limestone bands are folded with c/a of axial plane = 27°; numerous styolites parallel to the foliation.					
56.5	58.5	Contorted schist with qtz + tour alteration Possible fault zone; foliation is contorted with c/a = 75°; 2% py along foliation and in qtz + tour veins	56.50 58.50	58.50 59.50	236 206		97 99
58.5	65.0	Dark brown bt schist C/a of foliation = 70°					
65.0	68.1	Qtz + tour +po vein stockwork in silicified bt schist Contacts parallel to foliation (c/a = 80°); veins contain po(3%) + py (2%) + tour(40%) + qtz(55%) and occur between 65.0 - 65.1, 65.4 - 66.25 and 66.7 - 67.3.	65.10 67.10	67.10 68.10	0.0 0.0		97 94
68.1	69.6	Biotite schist Minor cc; contorted foliation with average c/a = 80°					
69.9	74.9	Biotite schist with weak qtz + po + tour + vein stockwork Veins are sub-parallel to the foliation (c/a = 80°); veins contain 5 - 20% po and occur between 69.9 - 70.3, 71.3 - 72.2 and 74.4 - 74.6.	69.90 71.90 73.90	71.90 73.90 74.90	372 908 476		387 255 186

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-12 Page 3 of 4

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm

74.9 - 94.7 Biotite schist with minor qtz and cc
No sulphides; c/a of foliation = 78°; occasional qtz vein parallel to foliation(1-3 cm);
87.4 - 87.5 m: qtz + tour alteration along foliation.

94.7 - 99.9 Calcareous biotite + chlorite schist
Cc(20%) + bt(70%) + chl(10%) schist; grades into limestone; from 94.7 to 98.1, c/a = 70°;
from 98.1 to 99.9 m c/a = 45°

99.9 - 101.6 Foliated limestone
Contains 2% bt ; foliation c/a = 45°; lower contact is marked by 10 cm of tour + qtz alteration and contorted foliation.

101.6 - 103.7 Biotite + quartz schist
C/a of foliation = 35°

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-12

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
103.7	112.7	Quartz + tourmaline + pyrrhotite vein stockwork	103.70	104.70	42		409
		Some vein contacts cut foliation, others are parallel_to foliation; c/a = 80°;	104.70	106.70	60		168
		veins: 103.8 - 103.9 m c/a = 90, 4% po	106.70	108.70	778		139
		104.4 - 104.8 m c/a = 90, 3% po	108.70	110.70	934		206
		105.1 - 105.2 m c/a = 90, 2% po	110.70	112.70	984		213
		105.4 - 106.2 m c/a = 86, 3% po	112.70	113.70	40		73
		106.7 - 107.1 m c/a = 80, 2% po					
		107.8 - 107.9 m c/a = 75, 10% po					
		109.0 - 109.2 m c/a = 80, 40% po, 0.5% cpy					
		109.5 - 110.3 m c/a = 80, 8% po, 1% cpy					
		110.8 - 111.2 m c/a = 60, 10% po, 1% cpy					
		112.5 - 112.7 m c/a = 65, 5% po					
112.7	119.5	Biotite schist					
		Contains 5% cc band(1-2 cm).					

END OF HOLE

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No. LP-87-13	Page 1 of 2
Commenced	23/9/87	Location	Tests at	Horiz. Comp. 59.0 m
Completed	24/9/87	Core size NQ	Corr. dip -45	Vert. Comp. 59.0 m
Coordinates	400 S 454 E		True Brg. 243	Logged by M.M
Objective	To test E.M. anomaly		% Recov. 99%	Date September 26, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.0	7.6	Casing in overburden					
7.6	8.8	Biotite + qtz schist C/a = 60°					
8.8	21.4	Foliated limestone trace biotite; sharp upper contact which parallels foliation; c/a foliation 60°.; gradational lower contact with c/a = 75°.					
21.4	25.4	Qtz + po + tour + cc vein stockwork in calcareous schist	21.40	23.40	60		52
		Veins contain 6% po; schist contains bt + secondary bt + chl + qtz + cc;	23.40	25.40	94		163
		silicification is preferential at margins of qtz veins; c/a of foliation =70°.; from 24 to 24.5 m note 6% po along foliation;					
		Veins: 21.60 - 21.67, 22.2 - 22.3, 22.5 - 22.6, 23.9 - 24.2, 24.8 - 25.2 m.					
25.4	44.5	Biotite + chlorite schist with silicificaton and tourmalinization	34.10	35.10	644		388
		Note replacement po(1-3%); cpy(0-1%);c/a of foliation = 50°.	36.10	37.10	406		428
44.5	53.1	Qtz + po + tour vein-breccia stockwork in silicified chl + bt schist	43.60	44.60	0.0		230
		Po content varies from 5 to 40% and tour from 0 to 30%; excellent conductor;	44.60	46.60	64		553
		85% of intersection is vein material; c/a of foliation = 50°.; traces	46.60	48.60	3840	4.869	345
		of cpy are present; two sets of vein contact c/a's are present - 70 to 80	48.60	50.60	2210	2.606	434
		°. and 50°.	50.60	52.60	838		140
			52.60	53.60	642		81
53.1	56.0	Biotite + quartz schist C/a of foliation = 40°.					

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-13 Page 2 of 2

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
56.0	59.1	Qtz + po vein-breccia-stockwork	56.00	58.00	3060	3.291	251
		Veins: 56.0 - 56.3 m 90% po, 1% cpy, 9% qtz; c/a = 60°.;	58.00	59.00	526		443
		57.1 - 57.4 m 25% po, c/a = 45 °.(parallel to foliation					
		58.3 - 58.6 m 25% po, 1% cpy, c/a = 80°.					
		58.85- 59.0 m 40% po, 1% cpy, c/a = 75°.					
59.1	63.7	Biotite + quartz schist					
		C/a of foliation = 40°.					
63.7	74.9	Bt schist with minor cc and qtz + po + tour veins	63.70	65.70	346		200
		Vein density = 2/m; thickness varies between 5 - 20 cm.; trace cpy and py;	67.10	68.10	1220	1.577	81
		5% cc; contorted foliation with c/a = 25°.; contacts of veins have	68.10	70.10	80	74	
		c/a of around 70°. - sub-parallel to foliation(the foliation appears	70.10	72.10	98	220	
		to steepen in the vicinity of veins)	72.90	74.90	60		49
74.9	83.5	Biotite + quartz schist					
		Minor qtz + po + tour veining(1 vein / m); c/a of veins = 55°.					

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No. LP-87-14	Page 1 of 3
Commenced	24/9/87	Location	Tests at 111 m	Horiz. Comp. 79.1 m
Completed	25/9/87	Core size NQ	Corr. dip -45	Vert. Comp. 79.1 m
Coordinates	485 S 495 E		True Brg. 243	Logged by MJM
Objective	To test E.M. anomaly at depth		% Recov. 99%	Date September 27, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.0	7.1	Casing in overburden					
7.1	11.1	Foliated limestone with 10% bt C/a of foliation = 45°; lower contact is faulted.					
11.1	11.3	Fault gouge					
11.3	18.1	Broken-up calcareous bt schist C/a of foliation = 70°; fractures parallel foliation; note tour + trace py alteration of bt schist between 17.1 and 18.1. lower contact with limestone is irregular.					
18.1	31.6	Foliated grey white limestone C/a of foliation = 55°					
31.6	35.1	Calcareous schist Schist contains 60% cc + 30% chl + 10% bt; c/a of foliation = 55 degr					
35.1	36.3	Silicified schist with qtz + tour + po veins Note 7% replacement po; veins: 35.1 - 35.3 m contact c/a = 75°; po(10%), cpy(1%) 36.1 - 36.3 m contact c/a = 80°; po(6%), cpy(1%)	35.30	36.30	1488	1.509	190
36.3	46.3	Bt + qtz schist Minor chl and 0.2% disseminated po along foliation(c/a = 55°)					

092081

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-14

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
46.3	59.3	Qtz + bt + musc schist with qtz + tour + po + cpy veins	46.30	47.30	96		258
		Vein thickness = 1 per metre; vein width = 10 to 30 cm.; c/a of foliation	53.40	55.40	0.0		160
		= 42°; the veins have two sets of c/a's : a) parallel to foliation	57.60	59.60	38		96
		with c/a = 42° and b) cross-cutting the foliaton at 80°; the					
		veins contain 3 - 8% po and 0 - 0.2% cpy.					
59.3	79.0	Qtz + bt schist					
		Foliation c/a = 65°; at 63.5,there is 5% replacement po along foliation					
		for 5 cm; between 64.7 and 64.9 the schist is silicified and tourmalinized.					
79.0	86.3	Qtz + qtz + tour schist with qtz + po + tour veins	79.00	81.00	0.0		91
		Vein density = 1 per metre; foliation of c/a = 65°	81.00	83.00	28		63
		veins: 79.6 - 80.1 m c/a = 25° po(5%), tour on selvages	83.00	85.00	0.0		96
		82.5 - 82.6 m c/a = 20° po(2%)	85.00	87.00	102		119
		83.4 - 82.6 m c/a = 35° po(6%)					
		84.5 - 84.7 m c/a = 75°: po(1%)					
		Between 81.4 and 84.4 m there was a 0.4 m core loss because the tube did					
		not lock; there was a 20 cm core loss between 93.6 and 96.6 m for similar					
		reason					
86.3	99.4	Qtz + po + py + tour + trace cpy vein	87.00	89.00	2700	4.183	392
		The vein contains 5-50% po (average = 10%), 6% py, and 5% tour; the qtz	89.00	91.00	162		252
		is blue-grey, white or mottled green(90.5 -93.0); note 1 cm vuggy vein	91.00	93.00	714		214
		containing 0.5 cm qtz crystals at 97.1 m;	93.00	95.00	116		460
		The py content is higher in this part of the vein system; tourmaline occurs	95.00	97.00	1362	1.577	317
		along selvages of veins; contact c/a's of veins lie between 70 and 80 degr	97.00	99.00	1240	1.509	705
99.4	104.1	Qtz + bt schist with a few qtz + po veins	99.00	101.00	360		133
		C/a of foliation = 60°; vein from 103.3 - 104.1 m contains qtz + 4%po	101.00	103.00	82		53

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-14 Page 3 of 3

Footage From	Footage To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
		with contact c/a = 20°; 1% replacement po along foliation.					
104.1	111.9	Qtz + bt schist Minor chl; foliation c/a = 60°	103.00	105.00	524		76

Drill Hole Record COMINCO

Property	Tay-LP	District Watson Lake	Hole No.	LP-87-15	Page 1 of 3
Commenced	26/9/87	Location	Tests at	90.5 m	Horiz. Comp. 63.9 m
Completed	27/9/87	Core size NQ	Corr. dip	-45	Vert. Comp. 63.9 m
Coordinates	190 S 467 E		True Brg.	243	Logged by M.M
Objective	T0 test E.M. anomaly and boulder source		% Recov.	99.5%	Date September 27, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.0	12.0	Casing in overburden					
12.0	35.3	Calcareous bt schist Cc(40%), bt(50%), chl(10%); no sulphides are present; Between: 12 - 20.4 m foliation c/a = 65° 18.0 - 18.2 m two qtz + cc + 2%po veins which are parallel to the foliation;c/a = 60° 20.4 - 23.5 m foliation c/a = 40° 23.5 - 29.7 m foliation c/a = 45° 33.8 - 34.3 m silicified and tourmalinized schist with c/a = 70 cc + chl content increases down the hole.					
35.3	43.6	Foliated limestone Blue-grey colour; foliation c/a = 45°; gradational upper and lower contacts; from 41.5 to 41.9 m tour replaces bt along foliation.					
43.6	54.1	Calcareous bt + chl + qtz schist Qtz increases down the hole; foliation c/a = 35°					
54.1	90.5	Qtz + po + cpy + tour vein stockwork in silicified bt schist	54.00	56.00	2680	3.429	146
		Minor muscovite in veins and minor cc and chl in schists.	56.00	58.00	132		130
		Vein and foliation data:	58.00	60.00	58		56
		54.1 - 54.6 m vein contact c/a = 80°; 15%po, 1% cpy	60.00	62.00	1320	1.440	353
		54.6 - 57.3 m contorted foliation; c/a = 15°	62.00	64.00	178		303
		57.3 - 57.4 m vein contact c/a = 90° 20% po, 2% cpy	64.00	66.00	336		217
		57.9 - 58.1 m replacement with green qtz (same as 14), po(30%), 2% cpy	66.00	68.00	1000	2.194	336
		58.1 - 60.5 m foliation c/a = 25°	68.00	70.00	74		437
		60.5 - 61.2 m vein contact c/a = 75°; 15% po, 3% cpy fringing po	70.00	72.00	46		547
		61.2 - 77.5 m foliation c/a = 35°	72.00	74.00	222		65

092081

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-15 Page 2 of 2

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
		62.6 – 64.5 m vein contact is irregular ; vein contains 12% po , 2% cpy	74.00	76.00	360		75
		66.0 – 68.0 m vein is brecciated with 30% po and 1% cpy as matrix	76.00	78.00	112		106
		69.3 – 69.6 m vein contact c/a = 60°; 20% po, 3% cpy	78.00	80.00	58		161
		71.5 – 72.0 m vein contact c/a = 78°; 60% po, 4% cpy	80.00	82.00	118		111
		78.6 – 80.2 m contorted foliation with c/a = 10°; c/a vein = 35°	82.00	84.00	196		121
		80.2 – 90.5 m foliation c/a = 5 -20°; minor amount of qtz + po +	84.00	86.00	42		130
		tour veins; trace py.	86.00	88.00	60		69

E.O.H.

Drill Hole Record COMINCO

Property Tay-LP	District Watson Lake	Hole No. LP-87-16	Page 1 of 3
Commenced 28/9/87	Location	Tests at	Horiz. Comp. 111.5 m
Completed 30/9/87	Core size NQ	Corr. dip -45	Vert. Comp. 111.5 m
Coordinates 460E 800S		True Brg. 243	Logged by MJM/IAP
Objective To test E.M. conductor and boulder source		% Recov. 99%	Date October 13, 1987

Metres From	To	Description	From	To	Au PPB	Au g/t	Cu ppm
0.0	13.8	Casing in overburden					
13.8	23.6	Foliated limestone Foliation c/a = 45° note tour alteration from 14.3 - 14.7 m; tour replacement along foliation; at 22.4 m 3 cm po vein parallels foliation .					
23.6	28.5	Calcareous brecciated schist Foliation contorted; po = 0.5%					
28.5	34.2	Contorted schist with qtz + po + tour + py veins Foliation of schist = 45°; po = 2%; py = 2%. Veins: 28.5 - 28.7 m : c/a = 40° po = 2%; py = 1% 29.9 - 30.2 m : c/a = 45° po = 5%; py = 2% 31.7 c/a = 65° po = 4%; py = 1%	28.50 30.50	30.50 32.50	52 20		156 128
34.2	38.5	Biotite schist C/a of foliation = 70°					
48.5	50.5	Biotite schist with qtz + tour + bt veins 2 veins / metre; 5 - 15 cm thick; sub-parallel to the foliation(c/a = 60 °) po = 5%; trace cpy.	48.50	50.50	34		51
50.5	56.0	Biotite schist 5% cc bands(1 - 8 cm); c/a = 60°					
56.0	56.5	Grey-green silicified schist					

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-16 Page 2 of 3

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
56.5	61.6	Biotite schist Minor cc banding(1 - 4 cm); c/a = 55°					
61.6	62.6	Schist altered by qtz + po + tour Po = 5%	61.60	62.60	274		110
62.6	80.1	Biotite schist Foliation c/a = 60°; note qtz veins parallel to foliation; 1/metre; 1-4cm					
80.1	95.1	Calcareous biotite schist Foliation c/a = 30° cc = 50%, bt = 40%, tour = 10%; note tour replacement of bt along foliation; po = 1%; at 89.5 foliation contortion with c/a = 10° at 91.5 there is an irregular po + tour + cpy vein; at 92.5 c/a = 0 - 10°	91.40 93.40	93.40 95.40	58 380		85 115
95.1	99.4	Biotite schist with silicification and tourmalinization	95.40 97.40	97.40 99.40	330 596		112 123
		95.1 m.: 10 cm massive po replacement adjacent to limestone band; c/a = 55° 96.4 - 96.5 m : 8 cm qtz + po + tour vein; cuts foliation at right angles. 97 m : c/a of foliation = 75° 99 -99.4 m : broken core; bt is chloritized.					

Drill Hole Record COMINCO

Property SNIP District Watson Lake Hole No. LP-87-16 Page 3 of 3

Footage From	To	Description	FROM	TO	AU PPB	Au g/t	Cu ppm
99.4	118.8	**Qtz + po + tour + cpy vein stockwork in silicified bt schist**					
		Po + tour replacement adjacent to veins; 4% py between 99.4 and 99.7 m	99.40	101.40	340		215
		101 - 101.4 m : qtz + po + tour veins constitute 60% of core; veins contain	101.40	103.40	120		64
		75% qtz, 15% po, 10% tour, 1% cpy; po replacement in altered schist; c/a = 50	103.40	105.40	160		190
		veins cut foliation with irregular contact	105.40	107.40	420		613
		101.4 - 105.4 m : mainly schist with po + tour + silica replacement; only 5%	107.40	109.40	1162	1.371	343
		qtz + po veins.	109.40	111.40	644		260
		105.4 - 108 m : schist with 5 - 10% replacement po; minor po + qtz veining.	111.40	113.40	1320	1.577	166
		108 - 118.8 m : core is composed of 50% qtz + po + tour + py + cpy vein;	113.40	115.40	162		173
		qtz(70 - 95%); po(2 - 8%); tour (5 -10%); cc(2%); cpy(0.5%); musc(1 -2%)	115.40	117.40	234		108
		py(1-3%); schist is silicified, tourmalinized and has 2 -6% disseminated	117.40	119.40	54		115
		po; veins usually cut foliation at 90 ° c/a's - 103 m (45°),					
		105 m (contorted), 108 m (45°), 113 m (90°), 117 m(45°).					
118.8	127.4	**Calcareous, chloritic biotite schist with qtz + po + tour veins**					
		Gradational contacts; foliation irregular; sporadic qtz + po + cpy veins;	119.40	121.40	12		311
		(15 cm max); po occurs as replacements and irregular veins; schist contains	121.40	123.40	40		114
		calcareous bands up to 2 cm width; note musc + po + chl altered zones	123.40	125.40	60		130
		between 121.2 - 121.6 m; at 127.4 c/a = 30° This section of core is	125.40	127.40	40		116
		essentially a transition zone between intensely altered and veined area					
		and host schists.					
127.4	157.7	**Cc + musc + bt schist**					
		Schist contains qtz(25%), musc(45%), bt(15%); c/a is consistent at 45 °					
		white cc bands(4 cm max) are interfoliated with brown bt and pale green musc;					
		foliation is cut at right angles by 2mm to 2 cm cc + po + musc veins;					
		10 cm barren qtz veins parallel to foliation at 138.6 m.					
E.O.H.							

EXHIBIT "A"

STATEMENT OF EXPENDITURES

TAY-LP CLAIMS

FOR THE PERIOD SEPTEMBER 7 to OCTOBER 2, 1987

Caron Diamond Drilling		
961 m of NQ drilling (includes camp cost)		$ 86,950
Mobilization/demobilization		15,000
Cominco Ltd.		
Salaries: IAP - 35 days at $300/day		9,000
MJM - 25 days at $130/day		3,250
Geochemistry, Assays		1,651
Truck rental & gas: 30 days at $50/day		1,500
Camp supplies, computer rental		1,801
	Total:	$119,152

I.A. Paterson

EXHIBIT "B"

STATEMENT OF QUALIFICATIONS

I, IAN A. PATERSON, with business address at 700-409 Granville Street, Vancouver, British Columbia, do hereby certify that I have supervised the field work and have assessed and interpreted the data resulting from this diamond drilling programme on the LP and TAY Mineral Claims.

I ALSO CERTIFY THAT:

1. I graduated from the University of Aberdeen, Scotland with a B.Sc (Hons.) degree in 1967.

2. I graduated from the University of British Columbia with a Ph.D. degree in 1973.

3. I am a registered Professional Engineer of the Province of British Columbia, a Fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.

4. I have been engaged in my profession since my graduation in 1973.

5. I have been employed by Cominco Ltd. since 1974.

Respectfully Submitted:

IAN. A. PATERSON,
Project Geologist

092081

EXHIBIT "C"

IN THE MATTER OF THE ACT RESPECTING QUARTZ MINING IN THE YUKON TERRITORY AND IN THE MATTER OF A DIAMOND DRILLING PROGRAMME CARRIED OUT IN PORTIONS OF THE TAY AND LP MINERAL CLAIMS LOCATED 60 KM SOUTH OF THE TOWN OF ROSS RIVER IN THE WATSON LAKE MINING DIVISION OF THE YUKON TERRITORY.

S T A T E M E N T

I, IAN A. PATERSON of the City of Vancouver in the Province of British Columbia, make oath and say:

1. THAT I am employed as a geologist by Cominco and, as such, have personal knowledge of the facts to which I hereinafter depose;

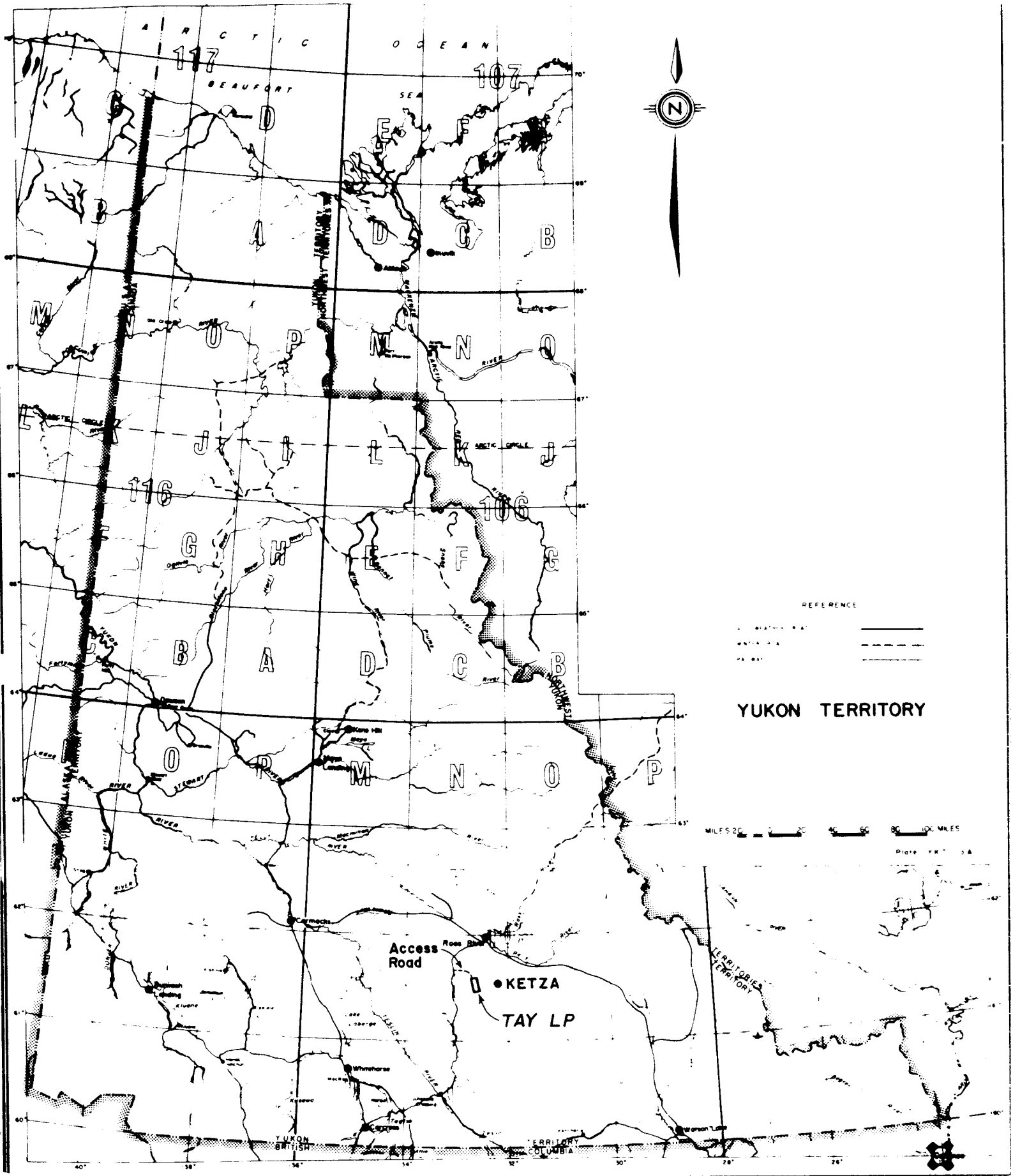
2. THAT included in this report and marked as Exhibit "A" is a true copy of expenditures incurred on a diamond drilling programme on the Tay and LP mineral claims;

3. THAT the said expenditures were incurred between the 7th September and 1st October of 1987 for the purpose of mineral exploration on the Tay and LP mineral claims.

I.A. Paterson,
Project Geologist.

Dated this 29 day of January 1988.
at Vancouver, British Columbia.

092081



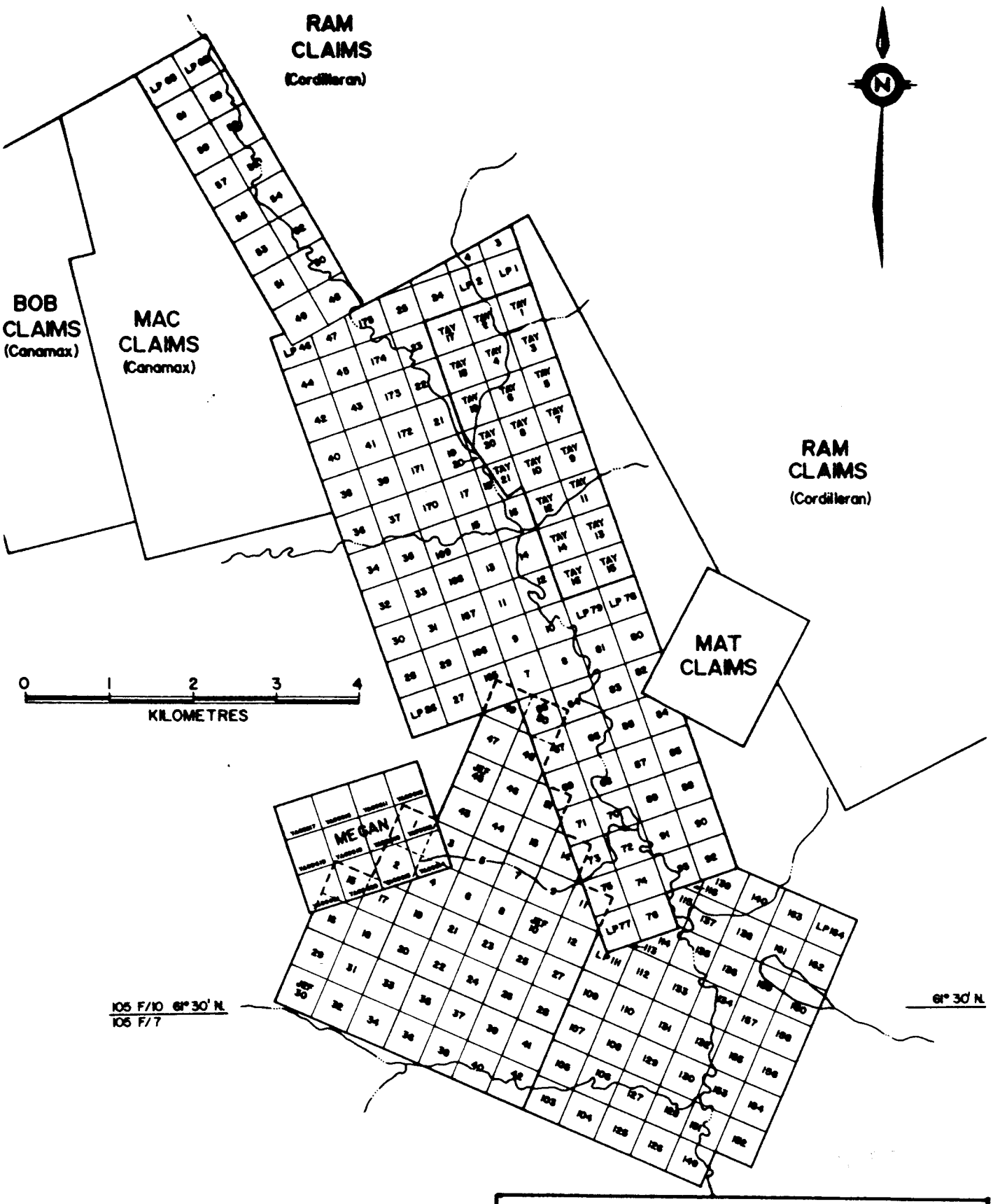
Drawn by:		Traced by: a. m. b.	
Revised by:	Date:	Revised by:	Date:

TAY - LP CLAIMS
LOCATION MAP

WATSON LAKE M.D., YUKON

N.T.S. 105 F/10

Scale: 1" = 80 miles | Date: July, 1986 | Figure: 1



TAY - L P

CLAIM MAP

Dec., 1986

2

Drill Collar Locations

From	To	Distance	Bearing
I.P. Tay 20	LP 85-01	95 m	152°
	-02	175	210°
	-03	195	60°
	-04	310	60°
	-05	900	164°
	87-06	895	167°
	-07	895	167°
	-08	1210	141°
	-09	456	61°
	-10	457	61°
	-11	215	349°
	-12	395	347°
	-13	580	334°
	-14	578	338°
	-15	790	336°
	-16	209	336°

CLAIM BOUNDARY

SEAGULL CREEK FAULT

TOLBERT CREEK

TAY 1 TAY 2 TAY 3 TAY 4 TAY 5 TAY 6 TAY 7 TAY 8 TAY 9 TAY 10 TAY 11 TAY 12 TAY 13 TAY 14 TAY 15 TAY 16 TAY 17 TAY 18 TAY 19 TAY 20 TAY 21

LP 78 LP 79 LP 80 LP 81 LP 82 LP 83 LP 84 LP 85 LP 86 LP 87 LP 88 LP 89 LP 90 LP 91 LP 92 LP 93 LP 94 LP 95 LP 96 LP 97 LP 98 LP 99 LP 100 LP 101 LP 102 LP 103 LP 104 LP 105 LP 106 LP 107 LP 108 LP 109 LP 110 LP 111 LP 112 LP 113 LP 114 LP 115 LP 116 LP 117 LP 118 LP 119 LP 120 LP 121 LP 122 LP 123 LP 124 LP 125 LP 126 LP 127 LP 128 LP 129 LP 130 LP 131 LP 132 LP 133 LP 134 LP 135 LP 136 LP 137 LP 138 LP 139 LP 140 LP 141 LP 142 LP 143 LP 144 LP 145 LP 146 LP 147 LP 148 LP 149 LP 150 LP 151 LP 152 LP 153 LP 154 LP 155 LP 156 LP 157 LP 158 LP 159 LP 160 LP 161 LP 162 LP 163 LP 164 LP 165 LP 166 LP 167 LP 168 LP 169 LP 170 LP 171 LP 172 LP 173

LP-85-01 LP-85-02 LP-85-03 LP-85-04 LP-85-05 LP-85-020

LP-87-5(-45) LP-87-6(-45) LP-87-7(-90) LP-87-8(-45) LP-87-9(-45) LP-87-10(-90) LP-87-11(-45) LP-87-12 (-45) LP-87-13(-45) LP-87-14(-45) LP-87-15(-45) LP-87-16(-45)

CAMP

float of 2

float

Q + Po vein

Q + Po + Py schist

Q + Po + Cpy

Marble + Limonite

5a(?)

4000 4100 4200 4300 4400 3900 3800 3700

LEGEND

Cretaceous(?)

- 5b — Biotite quartz monzonite; abundant quartz + muscovite tourmaline alteration
- 5a — Felsic dykes (5c: andesite dyke)
- 4 — Skarn alteration (diopside, garnet)

Devono-Mississippian

- 3 — Shales, siltstones

Lower Paleozoic

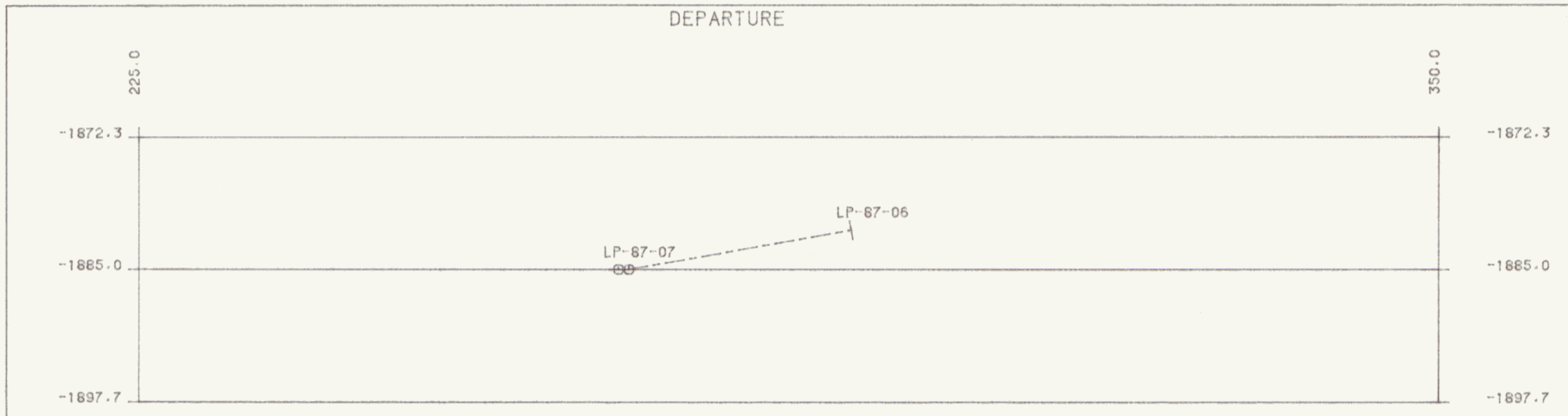
- 2 — Banded buff weathering marble with interfoliated quartz + muscovite ± chlorite schist
- 1 — Biotite + muscovite + quartz ± calcite ± chlorite schist

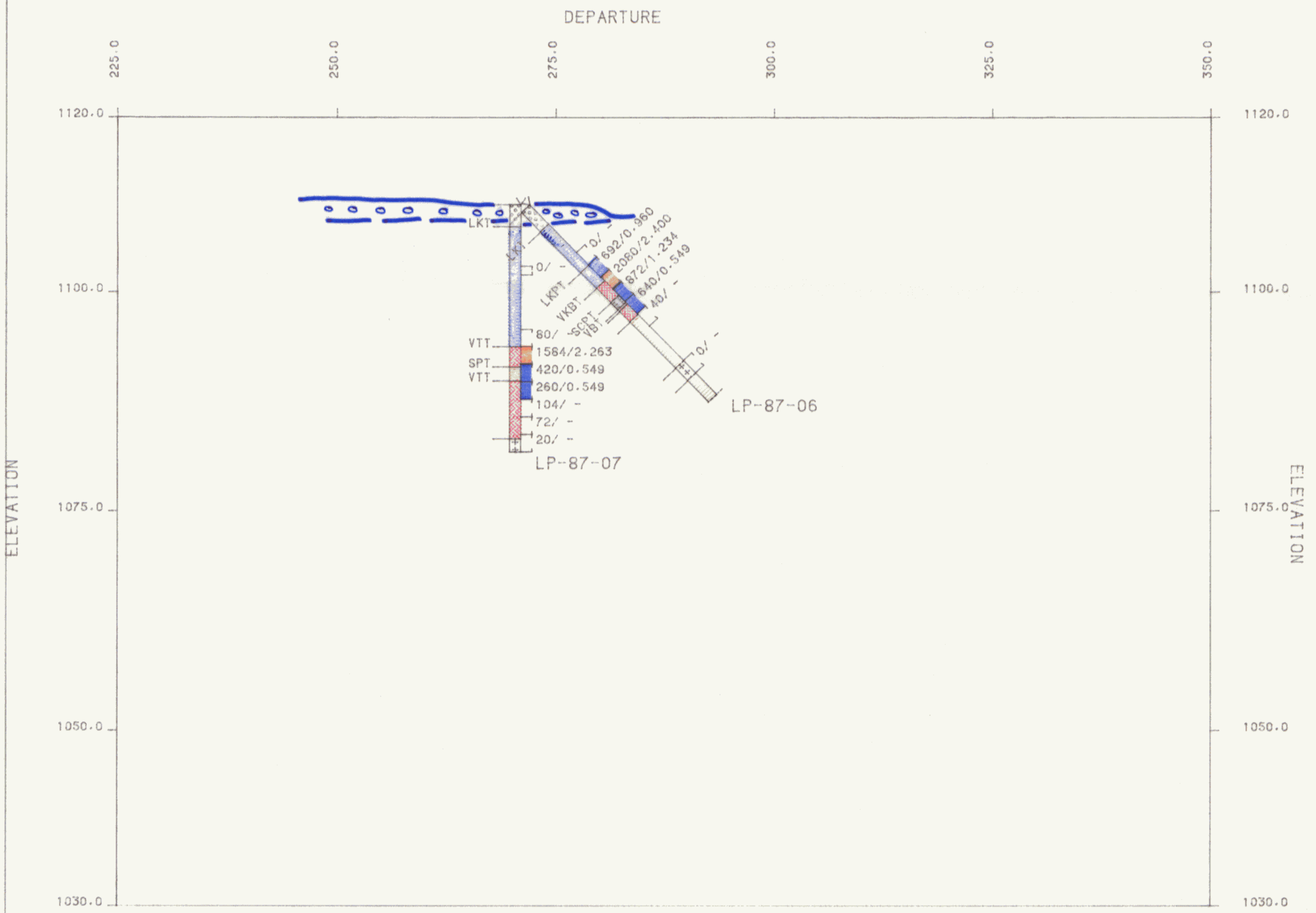
SYMBOLS

- 6 — quartz ± pyrrhotite ± tourmaline vein
- LP-85-02 — 1985 drill hole and number
- LP-87-06 — 1987
- 20 — attitude of foliation, + flat foliation
- inferred contact
- fault zone
- claim post location (approx.)

0 100 200 300 400 500 m

TAY - LP	092081		105 F/10
Drawn by I. A. P.	Traced by a. m. q.	GEOLOGY, DRILL HOLE LOCATIONS, GRID AND CLAIM BOUNDARIES	
Revised by Date	Revised by Date		
		Scale 1 : 5,000	Date JAN., 1988
			Plate 1





LEGEND

AU PPB

LT	200.00
200.00 TO	1000.00
1000.00TO	3000.00
GT	3000.00

AU/AUGT

AU SHADED

STRIP

DH TRACE

STRIP 1 LITHOLOGIES

Code	Description
L	FOLIATED LIMESTONE +/- BIOTITE
LK	ALT: DIOPSIDE & GARNET SKARN
LKP	ALT: PYRRHOTITE IN SKARN
LB	ALT: BRECCIATED ZONE
SC	CALC. QTZ+MUSC+BIOTITE SCHIST
SCP	ALT: PYRRHOTITE BEARING
SCF	ALT: CONTORTED
SCTF	ALT: TOURMALINIZED. CONTORTED
SCH	ALT: CHLORITIZED
SCPT	ALT: PYRRHOTITE. TOURMALINIZED
SCB	ALT: BRECCIATED
SCHV	ALT: CHLORITIZED. VEINED
S	QTZ + MUSC + BIOTITE SCHIST
SV	SCHIST WITH QTZ + PO VEINS
SP	SCHIST WITH DISS. PO
ST	TOURMALINIZED SCHIST
SPF	FOLDED SCHIST WITH DISS. PO
STP	PYRR. BEARING. TOUR. SCHIST
SQ	SILICIFIED SCHIST
SQV	SILIC. SCHIST W. QTZ-PO VEINS
STF	CONTORTED. TOURMALINIZED SCH.
SQT	SILICIFIED. TOURMALINIZED SCH.
STQF	TOUR., SILIC., CONTORTED SCH.
SVT	VEINED AND TOURMALINIZED SCH.
SVFT	VEINED. FOLDED. TOUR. SCHIST
SQTP	SILIC. TOUR. PYRRHOTITE SCH.
SH	CHLORITIC SCHIST
SHQT	CHLORITIZED. SILIC. TOUR. SCH.
V	QTZ + PYRR +/- CPY VEINS
VKB	QTZ+PYRR VEINS.BREC SKARN CLSTS
VB	BRECCIATED VEIN
VT	QTZ-PYRR-TOURMALINE VEIN
VSQT	VEIN:SILIC-TOUR-SCHIST INCL.
VTS	VEIN: TOUR. SCHIST INCL.
VSCT	VEIN: TOUR-CALC-SCHIST INCL.
VBTS	VEIN: TOUR-BREC-SCHIST INCL.
VBS	VEIN: BREC-SCHIST INCL.
A	APLITIC GRAN. SILL:MINOR TOUR.
O	OVERBURDEN
G	FAULT GOUGE
EM	CONDUCTIVE ZONE

STRIP 1 NOTES

Code	Description
CAF	CORE ANGLE OF FOLIATION
CAV	CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS

N	-1885.0 -1885.0	E	225.0 350.0	EL	1030.0 1120.0

SCALE: 1 CM = 5M; 1 : 500.
RANGE: 100.
SECTION MID. 288.

TAY L.P.

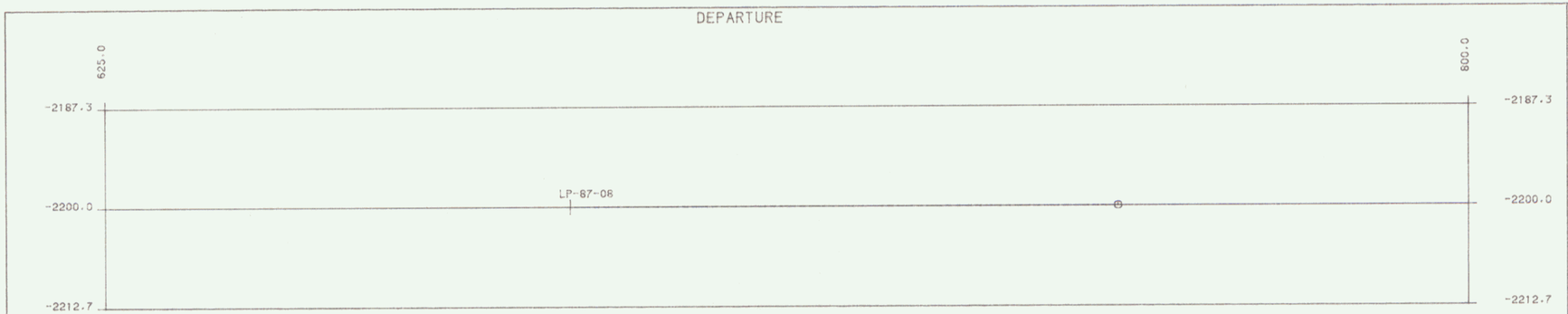
092081

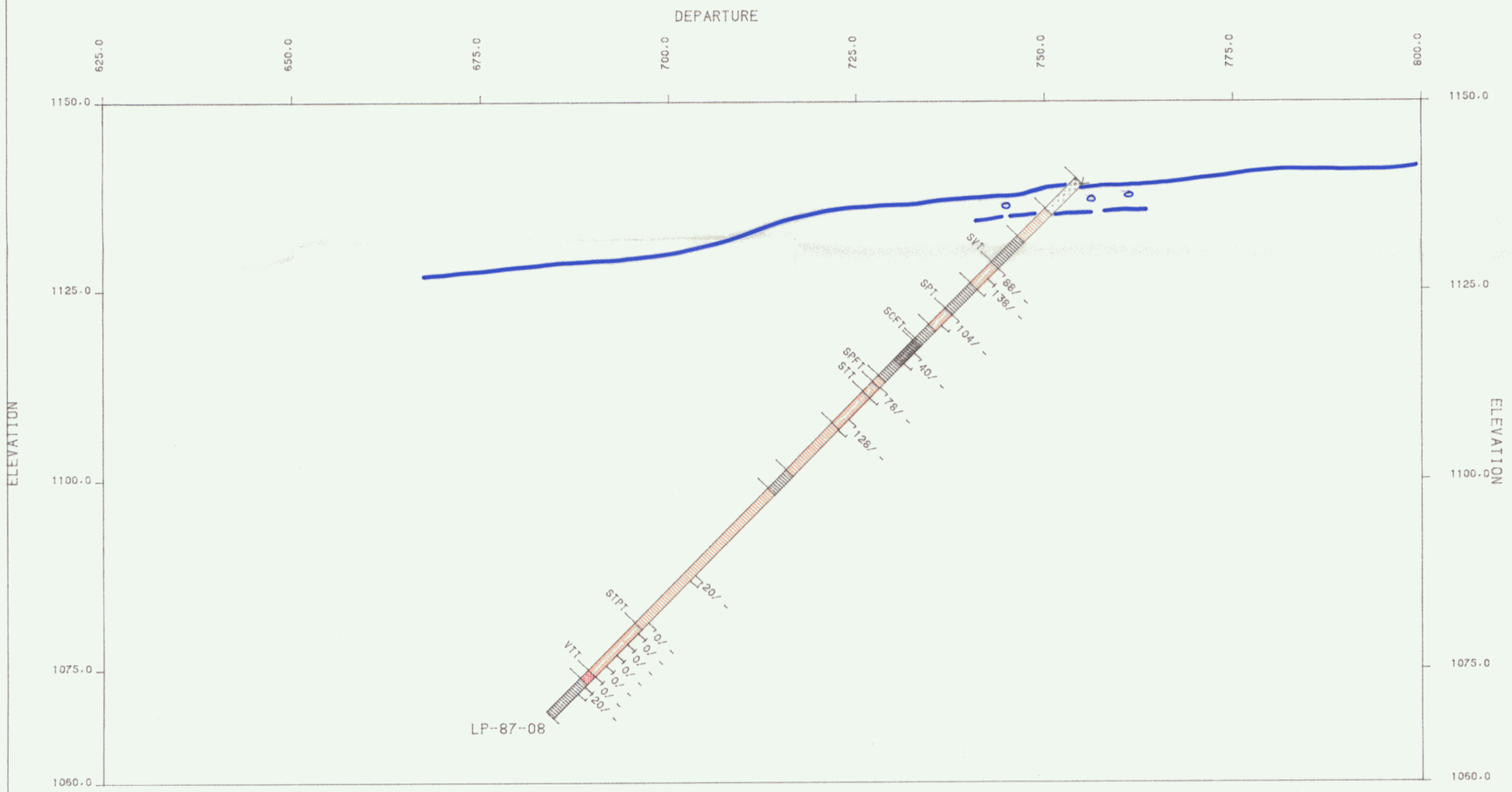
DRAWN BY: GEORES
TRACED BY:
REQUESTED BY: I.A. PATERSON
REVISED BY | DATE

NTS 105F/10
SECTION 18 + 85 S
DDH LP-87-06, LP-87-07

(1048)

SCALE: 1 : 500. 1 CM = 5M
DATE: JAN 29 1988
TIME: 09:53:36
PLATE: 2





LEGEND

AU PPB

LT	200.00
200.00 TO	1000.00
1000.00TO	3000.00
GT	3000.00

AU/AUGT

AU SHADED

STRIP 1

DH TRACE

STRIP 1 LITHOLOGIES

L	FOLIATED LIMESTONE +/- BIOTITE
LK	ALT. DIOPSIDE & GARNET SKARN
LKP	ALT. PYRRHOTITE IN SKARN
LB	ALT. BRECCIATED ZONE
SC	CALC. QTZ-MUSC-BIOTITE SCHIST
SCP	ALT. PYRRHOTITE BEARING
SCF	ALT. CONTORTED
SCTF	ALT. TOURMALINIZED. CONTORTED
SCH	ALT. CHLORITIZED
SCPT	ALT. PYRRHOTITE. TOURMALINIZED
SCB	ALT. BRECCIATED
SCHV	ALT. CHLORITIZED. VEINED
S	QTZ + MUSC + BIOTITE SCHIST
SV	SCHIST WITH QTZ + PD VEINS
SP	SCHIST WITH DISS. PD
ST	TOURMALINIZED SCHIST
SPF	FOLDED SCHIST WITH DISS. PD
STP	PYRR. BEARING. TOUR. SCHIST
SQ	SILICIFIED SCHIST
SQV	SILIC. SCHIST W. QTZ-PD VEINS
STF	CONTORTED. TOURMALINIZED SCH.
SQT	SILICIFIED. TOURMALINIZED SCH.
STQF	TOUR.. SILIC.. CONTORTED SCH.
SVT	VEINED AND TOURMALINIZED SCH.
SVFT	VEINED. FOLDED. TOUR. SCHIST
SQTP	SILIC. TOUR. PYRRHOTITE SCH.
SH	CHLORITIC SCHIST
SHQT	CHLORITIZED. SILIC. TOUR. SCH.
V	QTZ + PYRR +/- CPY VEINS
VKB	QTZ+PYRR VEINS.BREC SKARN CLSTS
VB	BRECCIATED VEIN
VT	QTZ-PYRR-TOURMALINE VEIN
VSQT	VEIN+SILIC-TOUR-SCHIST INCL.
VTS	VEIN+ TOUR. SCHIST INCL.
VSCT	VEIN+ TOUR-CALC-SCHIST INCL.
VBTS	VEIN+ TOUR-BREC-SCHIST INCL.
VBS	VEIN+ BREC-SCHIST INCL.
A	APLITIC GRAN. SILL+MINOR TOUR.
O	OVERBURDEN
G	FAULT GOUGE
EM	CONDUCTIVE ZONE

STRIP 1 NOTES

CAF	CORE ANGLE OF FOLIATION
CAV	CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS					
N	-2200.0	E	625.0	EL	1060.0
	-2200.0		800.0		1150.0

SCALE: 1 CM = 5M
1 : 500.
RANGE: 100.
SECTION MID. 713.

TAY L.P. 092081

DRAWN BY: GEORES	TRACED BY:		
REQUESTED BY: I.A. PATERSON	REVIEWED BY	DATE	
REVIEWED BY	DATE		

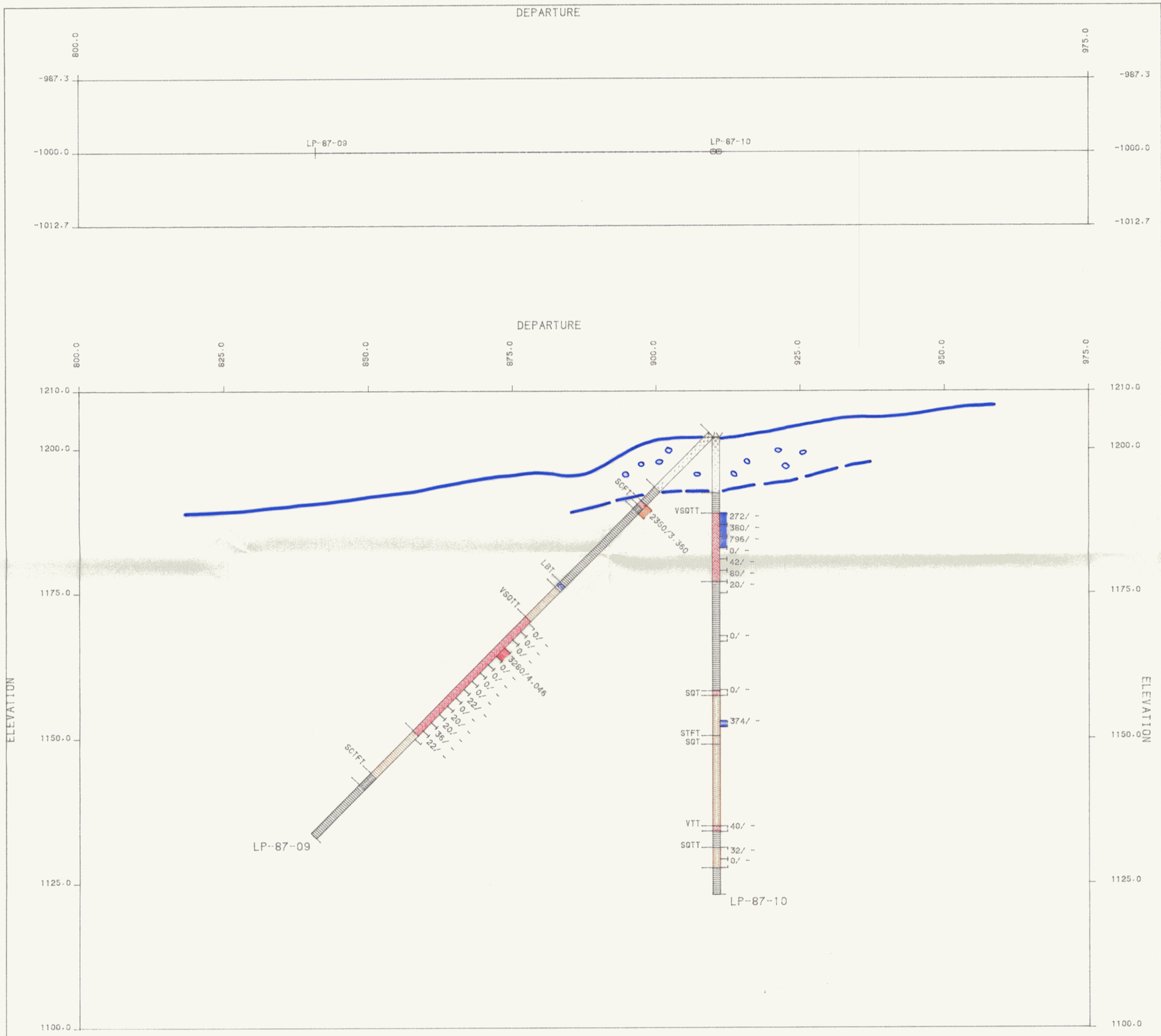
NTS 105F/10
SECTION 22 + 00 S
DDH LP-87-08

1047

SCALE: 1 : 500.
1 CM = 5M

DATE: JAN 29 1988
TIME: 09:53:36

PLATE: 3



LEGEND

AU PPB

- LT 200.00
- 200.00 TO 1000.00
- 1000.00TO 3000.00
- GT 3000.00

AU/AUGT

AU SHADED

STRIP 1

DH TRACE

STRIP 1 LITHOLOGIES

- L FOLIATED LIMESTONE +/- BIOTITE
- LK ALT+ DIOPSIDE & GARNET SKARN
- LKP ALT+ PYRRHOTITE IN SKARN
- LB ALT+ BRECCIATED ZONE
- SC CALC. QTZ-MUSC-BIOTITE SCHIST
- SCP ALT+ PYRRHOTITE BEARING
- SCF ALT+ CONTORTED
- SCTF ALT+ TOURMALINIZED, CONTORTED
- SCH ALT+ CHLORITIZED
- SCPT ALT+ PYRRHOTITE, TOURMALINIZED
- SCB ALT+ BRECCIATED
- SCHV ALT+ CHLORITIZED, VEINED
- S QTZ + MUSC + BIOTITE SCHIST
- SV SCHIST WITH QTZ + PC VEINS
- SP SCHIST WITH DISS. PO
- ST TOURMALINIZED SCHIST
- SPF FOLDED SCHIST WITH DISS. PO
- STP PYRR. BEARING. TOUR. SCHIST
- SQ SILICIFIED SCHIST
- SQV SILIC. SCHIST W. QTZ-PO VEINS
- STF CONTORTED, TOURMALINIZED SCH.
- SQT SILICIFIED, TOURMALINIZED SCH.
- SQTF TOUR., SILIC., CONTORTED SCH.
- SVT VEINED AND TOURMALINIZED SCH.
- SVFT VEINED, FOLDED, TOUR. SCHIST
- SQTP SILIC. TOUR. PYRRHOTITE SCH.
- SH CHLORITIC SCHIST
- SHQT CHLORITIZED, SILIC. TOUR. SCH.
- V QTZ + PYRR +/- CPY VEINS
- VKB QTZ+PYRR VEINS,BREC SKARN CLSTS
- VB BRECCIATED VEIN
- VT QTZ-PYRR-TOURMALINE VEIN
- VSQT VEIN+SILIC-TOUR-SCHIST INCL.
- VTS VEIN+ TOUR. SCHIST INCL.
- VSCT VEIN+ TOUR-CALC-SCHIST INCL.
- VBTS VEIN+ TOUR-BREC-SCHIST INCL.
- VBS VEIN+ BREC-SCHIST INCL.
- A APLITIC GRAN. SILL+MINOR TOUR.
- O OVERBURDEN
- G FAULT GOUGE
- EM CONDUCTIVE ZONE

STRIP 1 NOTES

- CAF CORE ANGLE OF FOLIATION
- CAV CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS						SCALE: 1 CM = 5M 1 : 500.
N	-1000.0 -1000.0	E	800.0 975.0	EL	1100.0 1210.0	RANGE: 100. SECTION MID. 888.

TAY L.P.

092081

DRAWN BY: GEORES	TRACED BY:		
REQUESTED BY: I.A. PATERSON	REVISED BY	DATE	
REVISED BY / DATE			

NTS 105F/10
SECTION 10 + 00 S
DDH LP-87-09, LP-87-10

(1046)

SCALE: 1 : 500.
1 CM = 5M

DATE: JAN 29 1988
TIME: 09:53:36

PLATE: 4

LEGEND

AU PPB

- LT 200.00
- 200.00 TO 1000.00
- 1000.00TO 3000.00
- GT 3000.00

AU/AUGT

AU SHADED

STRIP 1

DH TRACE

STRIP 1 LITHOLOGIES

L	FOLIATED LIMESTONE +/- BIOTITE
LK	ALT. DIOPSIDE & GARNET SKARN
LKP	ALT. PYRRHOTITE IN SKARN
LB	ALT. BRECCIATED ZONE
SC	CALC. QTZ-MUSC-BIOTITE SCHIST
SCP	ALT. PYRRHOTITE BEARING
SCF	ALT. CONTORTED
SCTF	ALT. TOURMALINIZED. CONTORTED
SCH	ALT. CHLORITIZED
SCPT	ALT. PYRRHOTITE. TOURMALINIZED
SCB	ALT. BRECCIATED
SCHV	ALT. CHLORITIZED. VEINED
S	QTZ + MUSC + BIOTITE SCHIST
SV	SCHIST WITH QTZ + PG VEINS
SP	SCHIST WITH DISS. PO
ST	TOURMALINIZED SCHIST
SPF	FOLDED SCHIST WITH DISS. PO
STP	PYRR. BEARING. TOUR. SCHIST
SQ	SILICIFIED SCHIST
SQV	SILIC. SCHIST W. QTZ-PG VEINS
STF	CONTORTED. TOURMALINIZED SCH.
SQT	SILICIFIED. TOURMALINIZED SCH.
SQTF	TOUR.. SILIC.. CONTORTED SCH.
SVT	VEINED AND TOURMALINIZED SCH.
SVFT	VEINED. FOLDED. TOUR. SCHIST
SQTP	SILIC. TOUR. PYRRHOTITE SCH.
SH	CHLORITIC SCHIST
SHQT	CHLORITIZED. SILIC. TOUR. SCH.
V	QTZ + PYRR +/- CPY VEINS
VKB	QTZ+PYRR VEINS.BREC SKARN CLSTS
VB	BRECCIATED VEIN
VT	QTZ-PYRR-TOURMALINE VEIN
VSQT	VEIN+SILIG-TOUR-SCHIST INCL.
VTS	VEIN+ TOUR. SCHIST INCL.
VSCT	VEIN+ TOUR-CALC-SCHIST INCL.
VBTS	VEIN+ TOUR-BREC-SCHIST INCL.
VBS	VEIN+ BREC-SCHIST INCL.
A	APLITIC GRAN. SILL+MINOR TOUR.
O	OVERBURDEN
S	FAULT GOUGE
EM	CONDUCTIVE ZONE

STRIP 1 NOTES

CAF CORE ANGLE OF FOLIATION

CAV CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS

N	-800.0	E	325.0	EL 1010.0
	-800.0		550.0	1150.0

SCALE: 1 CM = 5M
1 : 500.
RANGE: 100.
SECTION MID. 438.

TAY L.P. 092081

DRAWN BY: GEORES	TRACED BY:		
REQUESTED BY: I.A. PATERSON	REVISED BY	DATE	
REVISED BY	DATE		

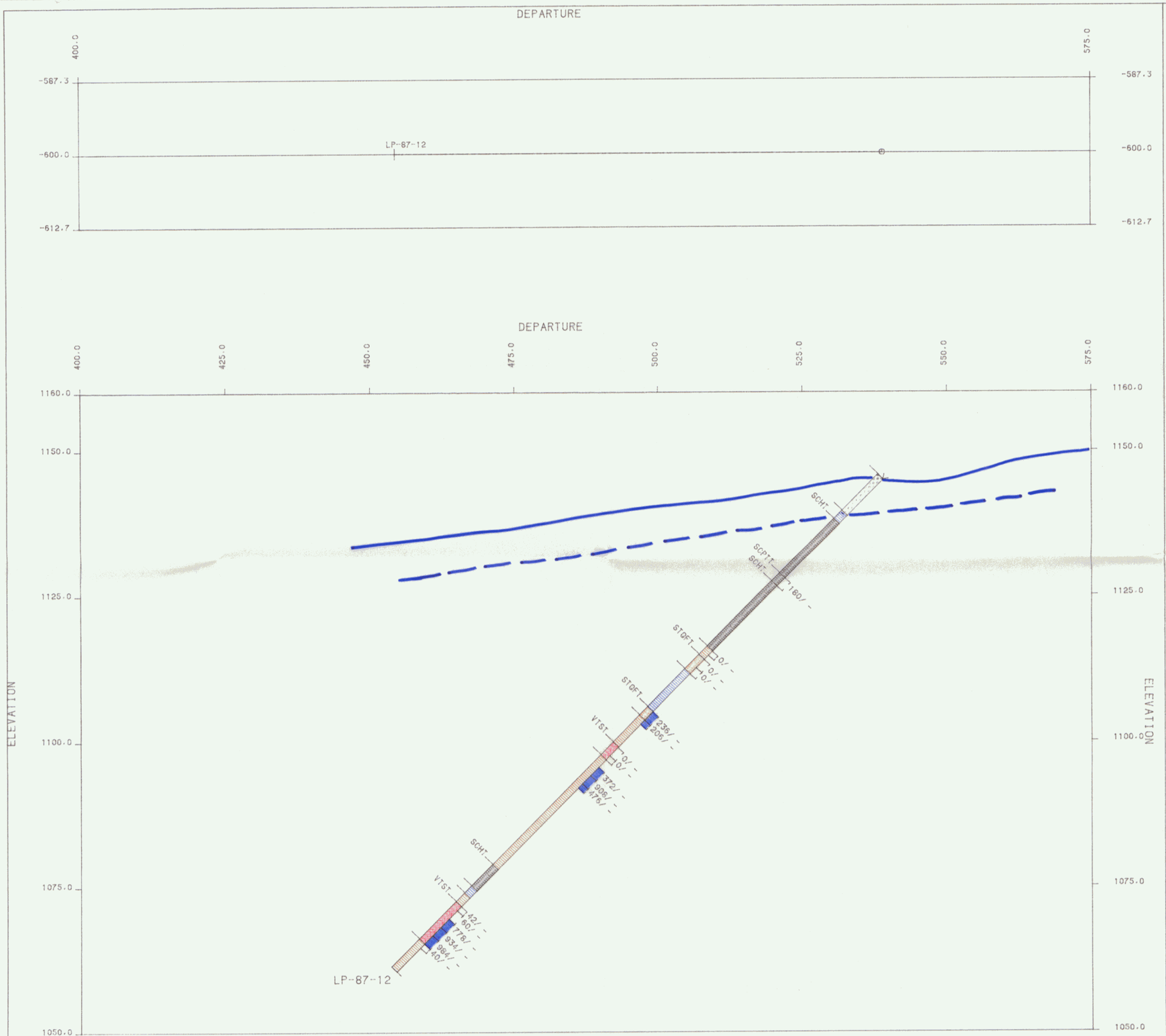
NTS 105F/10
SECTION 8 + 00 S
DDH LP-87-11, LP-87-16

(1049)

SCALE: 1 : 500.
1 CM = 5M

DATE: JAN 29 1988
TIME: 09:53:35

PLATE: 5



LEGEND

AU PPB

- LT 200.00
- 200.00 TO 1000.00
- 1000.00TO 3000.00
- GT 3000.00

AU/AUGT

AU SHADED

STRIP

DH TRACE

STRIP 1 LITHOLOGIES

L	FOLIATED LIMESTONE +/- BIOTITE	
LK	ALT: DIOPSIDE & GARNET SKARN	
LKP	ALT: PYRRHOTITE IN SKARN	
LB	ALT: BRECCIATED ZONE	
SC	CALC. QTZ-MUSC-BIOTITE SCHIST	
SCP	ALT: PYRRHOTITE BEARING	
SCF	ALT: CONTORTED	
SCTF	ALT: TOURMALINIZED, CONTORTED	
SCH	ALT: CHLORITIZED	
SCPT	ALT: PYRRHOTITE, TOURMALINIZED	
SCB	ALT: BRECCIATED	
SCHV	ALT: CHLORITIZED, VEINED	
S	QTZ + MUSC + BIOTITE SCHIST	
SV	SCHIST WITH QTZ + PC VEINS	
SP	SCHIST WITH DISS. PO	
ST	TOURMALINIZED SCHIST	
SPF	FOLDED SCHIST WITH DISS. PO	
STP	PYRR. BEARING. TOUR. SCHIST	
SQ	SILICIFIED SCHIST	
SQV	SILIC. SCHIST W. QTZ-PC VEINS	
STF	CONTORTED. TOURMALINIZED SCH.	
SQT	SILICIFIED. TOURMALINIZED SCH.	
STQF	TOUR.. SILIC.. CONTORTED SCH.	
SVT	VEINED AND TOURMALINIZED SCH.	
SVFT	VEINED. FOLDED. TOUR. SCHIST	
SQTP	SILIC. TOUR. PYRRHOTITE SCH.	
SH	CHLORITIC SCHIST	
SHQT	CHLORITIZED. SILIC. TOUR. SCH.	
V	QTZ + PYRR +/- CPY VEINS	
VKB	QTZ+PYRR VEINS,BREC SKARN CLSTS	
VB	BRECCIATED VEIN	
VT	QTZ-PYRR-TOURMALINE VEIN	
VSQT	VEIN+SILIC-TOUR-SCHIST INCL.	
VTS	VEIN+ TOUR. SCHIST INCL.	
VSCT	VEIN+ TOUR-CALC-SCHIST INCL.	
VBTS	VEIN+ TOUR-BREC-SCHIST INCL.	
VBC	VEIN+ BREC-SCHIST INCL.	
A	APLITIC GRAN. SILL+MINOR TOUR.	
O	OVERBURDEN	

G	FAULT GOUGE
EM	CONDUCTIVE ZONE

STRIP 1 NOTES

CAF	CORE ANGLE OF FOLIATION
CAV	CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS

N	-600.0 -600.0	E	400.0 575.0	EL 1050.0 1160.0

SCALE: 1 CM = 5M
1 : 500.
RANGE: 100.
SECTION MID. 488.

TAY L.P.

092081

DRAWN BY: GEORES	TRACED BY:		
REQUESTED BY: I.A. PATERSON	REVISED BY	DATE	
REVISED BY	DATE		

NTS 105F/10
SECTION 6 + 00 S
DDH LP-87-12

(1045)

SCALE: 1 : 500.
1 CM = 5M

DATE: JAN 29 1988
TIME: 09:53:36

PLATE: 6

DEPARTURE

350.0 550.0

-387.3 -387.3

-400.0 -400.0

-412.7 -412.7

LP-87-13

LP-87-14

DEPARTURE

350.0 375.0 400.0 425.0 450.0 475.0 500.0 525.0 550.0

1160.0 1160.0

1150.0 1150.0

1125.0 1125.0

1100.0 1100.0

1075.0 1075.0

1060.0 1060.0

ELEVATION ELEVATION

SCDT

VSCTT 60/ -

SMQTT 94/ -

644/ -

406/ -

VBTST 0/ -

64/ -

3840/4.569

2210/2.606

VBST 836/ -

842/ -

3060/3.291

326/ -

348/ -

1220/1.577

60/ -

96/ -

60/ -

LP-87-13

SQTT 1486/1.509

SVTT 96/ -

0/ -

38/ -

SVTT 0/ -

26/ -

VTT 0/ -

102/ -

2700/4.183

162/ -

714/ -

116/ -

1362/1.577

1240/1.509

360/ -

82/ -

524/ -

LP-87-14

LEGEND

AU PPB

LT 200.00

200.00 TO 1000.00

1000.00TO 3000.00

GT 3000.00

AU/AUGT

AU SHADED

STRIP

DH TRACE

STRIP 1 LITHOLOGIES

L	FOLIATED LIMESTONE +/- BIOTITE
LK	ALT. DIOPSIDE & GARNET SKARN
LKP	ALT. PYRRHOTITE IN SKARN
LB	ALT. BRECCIATED ZONE
SC	CALC. QTZ-MUSC-BIOTITE SCHIST
SCP	ALT. PYRRHOTITE BEARING
SCF	ALT. CONTORTED
SCTF	ALT. TOURMALINIZED, CONTORTED
SCH	ALT. CHLORITIZED
SCPT	ALT. PYRRHOTITE, TOURMALINIZED
SCB	ALT. BRECCIATED
SCHV	ALT. CHLORITIZED, VEINED
S	QTZ + MUSC + BIOTITE SCHIST
SV	SCHIST WITH QTZ + PG VEINS
SP	SCHIST WITH DISS. PG
ST	TOURMALINIZED SCHIST
SPF	FOLDED SCHIST WITH DISS. PG
STP	PYRR. BEARING. TOUR. SCHIST
SQ	SILICIFIED SCHIST
SQV	SILIC. SCHIST W. QTZ-PG VEINS
STF	CONTORTED, TOURMALINIZED SCH.
SQT	SILICIFIED, TOURMALINIZED SCH.
STQF	TOUR., SILIC., CONTORTED SCH.
SVT	VEINED AND TOURMALINIZED SCH.
SVFT	VEINED, FOLDED, TOUR. SCHIST
SQTP	SILIC. TOUR. PYRRHOTITE SCH.
SH	CHLORITIC SCHIST
SHQT	CHLORITIZED, SILIC. TOUR. SCH.
V	QTZ + PYRR +/- CPY VEINS
VKB	QTZ+PYRR VEINS,BREC SKARN CLSTS
VB	BRECCIATED VEIN
VT	QTZ-PYRR-TOURMALINE VEIN
VSQT	VEIN+SILIC-TOUR-SCHIST INCL.
VTS	VEIN+ TOUR. SCHIST INCL.
VSCT	VEIN+ TOUR-CALC-SCHIST INCL.
VBTS	VEIN+ TOUR-BREC-SCHIST INCL.
VBS	VEIN+ BREC-SCHIST INCL.
A	APLITIC GRAN. SILL+MINOR TOUR.
O	OVERBURDEN
S	FAULT GOUGE
EM	CONDUCTIVE ZONE

STRIP 1 NOTES

CAF CORE ANGLE OF FOLIATION

CAV CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS						SCALE:	1 CM = 5M 1 : 500.
N	-400.0 -400.0	E	350.0 550.0	EL	1060.0 1160.0	RANGE:	100.
						SECTION MID.	450.

TAY L.P. 092081

DRAWN BY: GEORES	TRACED BY:		
REQUESTED BY: I.A. PATERSON	REVIEWED BY	DATE	
REVIEWED BY	DATE		

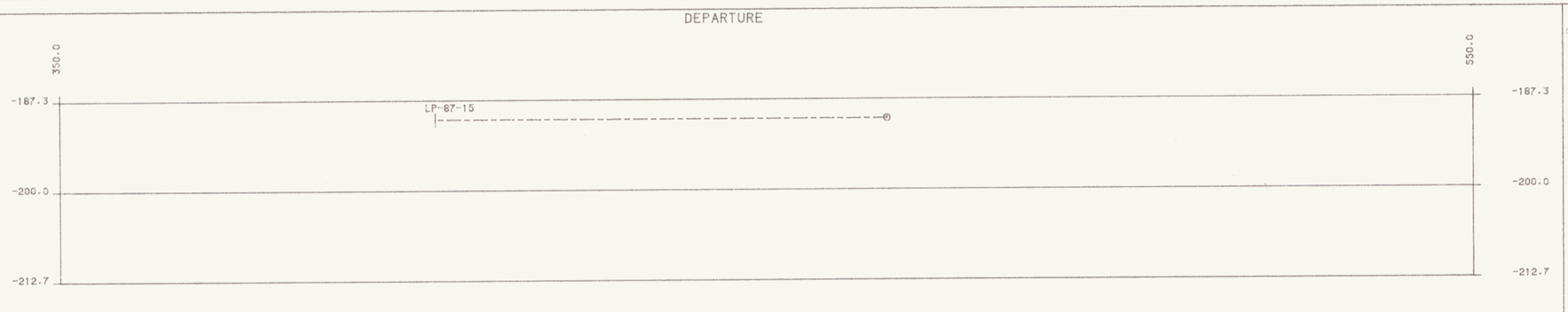
NTS 105F/10
SECTION 4 + 00 S
DDH LP-87-13, LP-87-14

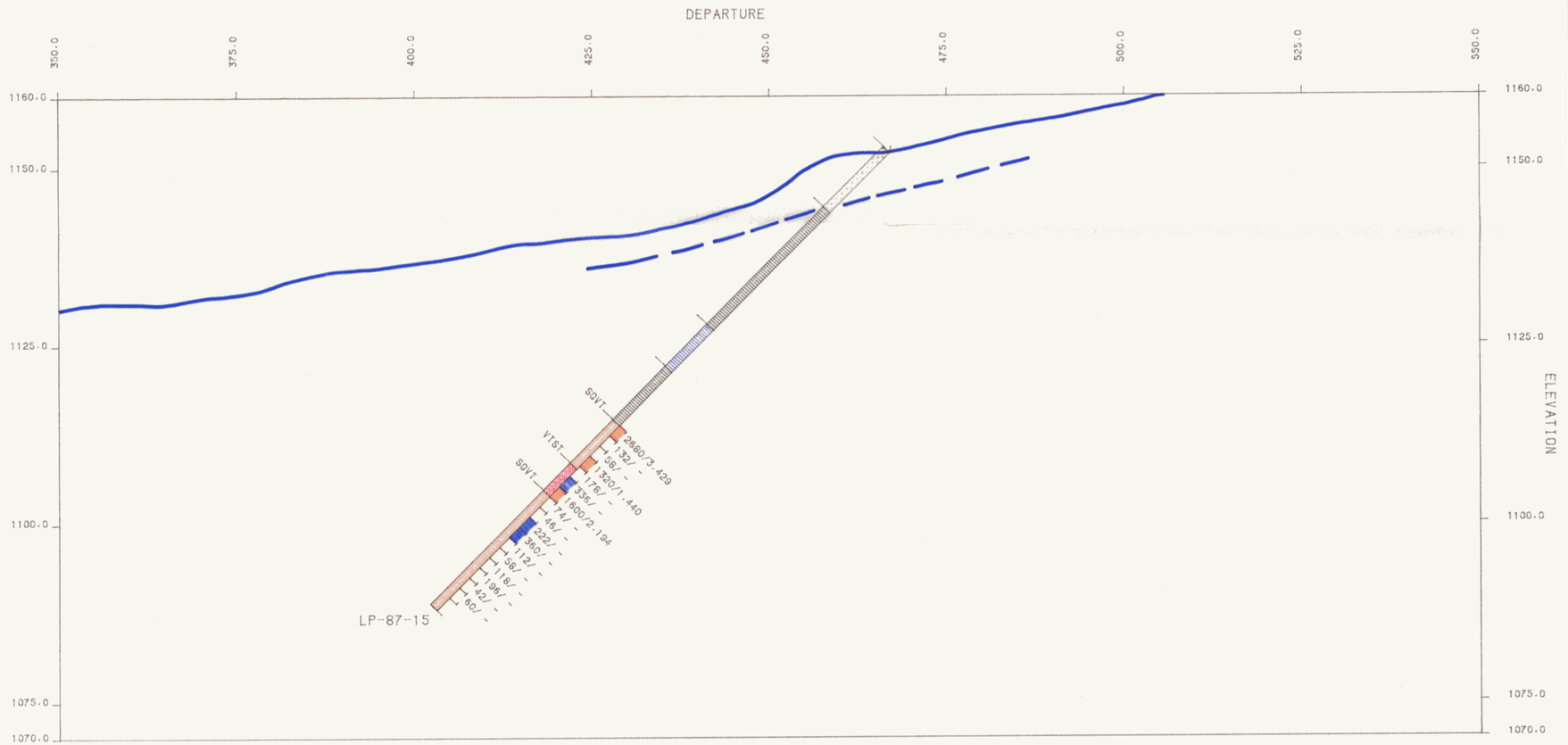
(1044)

SCALE: 1 : 500.
1 CM = 5M

DATE: JAN 29 1988
TIME: 09:53:36

PLATE: 7





LEGEND

AU PPB

- LT 200.00
- 200.00 TO 1000.00
- 1000.00TO 3000.00
- GT 3000.00

AU/AUGT

AU SHADED

STRIP 1

DH TRACE

STRIP 1 LITHOLOGIES

- L FOLIATED LIMESTONE +/- BIOTITE
- LK ALT: DIOPSIDE & GARNET SKARN
- LKP ALT: PYRRHOTITE IN SKARN
- LB ALT: BRECCIATED ZONE
- SC CALC. QTZ+MUSC+BIOTITE SCHIST
- SCP ALT: PYRRHOTITE BEARING
- SCF ALT: CONTORTED
- SCTF ALT: TOURMALINIZED, CONTORTED
- SCM ALT: CHLORITIZED
- SCPT ALT: PYRRHOTITE, TOURMALINIZED
- SCB ALT: BRECCIATED
- SCMV ALT: CHLORITIZED, VEINED
- S QTZ + MUSC + BIOTITE SCHIST
- SV SCHIST WITH QTZ + PC VEINS
- SP SCHIST WITH DISS. PC
- ST TOURMALINIZED SCHIST
- SPF FOLDED SCHIST WITH DISS. PC
- STP PYRR. BEARING. TOUR. SCHIST
- SQ SILICIFIED SCHIST
- SQV SILIC. SCHIST W. QTZ-PC VEINS
- STF CONTORTED, TOURMALINIZED SCH.
- SQT SILICIFIED, TOURMALINIZED SCH.
- STQF TOUR., SILIC., CONTORTED SCH.
- SVT VEINED AND TOURMALINIZED SCH.
- SVFT VEINED, FOLDED, TOUR. SCHIST
- SQTP SILIC. TOUR. PYRRHOTITE SCH.
- SH CHLORITIC SCHIST
- SHQT CHLORITIZED, SILIC. TOUR. SCH.
- V QTZ + PYRR +/- CPY VEINS
- VKB QTZ+PYRR VEINS,BREC SKARN CLSTS
- VB BRECCIATED VEIN
- VT QTZ-PYRR-TOURMALINE VEIN
- VSQT VEIN+SILIC-TOUR-SCHIST INCL.
- VTS VEIN+ TOUR. SCHIST INCL.
- VSCT VEIN+ TOUR-CALC-SCHIST INCL.
- VBTS VEIN+ TOUR-BREC-SCHIST INCL.
- VBS VEIN+ BREC-SCHIST INCL.
- A APLITIC GRAN. SILL+MINOR TOUR.
- O OVERBURDEN
- G FAULT GOUGE
- EM CONDUCTIVE ZONE

STRIP 1 NOTES

- CAF CORE ANGLE OF FOLIATION
- CAV CORE ANGLE OF VEIN CONTACTS

0.0 10.0 20.0 40.0 METRIC

VOLUME SPECIFICATIONS

N -200.0 -200.0 E 350.0 550.0 EL 1070.0 1160.0

SCALE: 1 CM = 5M
1 : 500.
RANGE: 100.
SECTION MID. 450.

TAY L.P.

092081

DRAWN BY: GEORES | TRACED BY: | REQUESTED BY: I.A. PATERSON | REVISED BY | DATE

NTS 105F/10
SECTION 2 + 00 S
DDH LP-87-15

1043

SCALE: 1 : 500.
1 CM = 5M

DATE: JAN 29 1988
TIME: 09:53:36

PLATE: 8