

LOG NO: JAN 31	RD.
ACTION:	
FILE NO:	

Assessment Report
Drilling
TASK 9 Group
(includes Task 9, 10, 11, Mike 1, 2,)
Clinton Mining Division
NTS 920/SE

Lat. 51 28' N
Long. 123 39' W

Owner/Operator: Pioneer Metals Corporation

Vancouver, B.C.
January 23, 1992

Author: S.L. Blusson, PhD

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

22,091



Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources
MINERAL RESOURCES DIVISION — TITLES BRANCH

300940

DOCUMENT NO. OFFICE USE ONLY

Mineral Tenure Act
Sections 25, 26 & 27

STATEMENT OF WORK — CASH PAYMENT

SUB-RECORDER
RECEIVED
OCT 28 1991
M.R. # 68609 J \$ 1530
VANCOUVER, B.C.
RECORDING STAMP

Indicate type of title Mineral
(Mineral or Placer)

Mining Division Clinton

I, Stewart Blusson
(Name)
Box 256 Lions Bay B.C.
(Address)

Agent for Pioneer Metals Corp.
(Name)(s)
1770 401 W. Georgia St.
(Address)
Vancouver B.C.

921-8348
(Telephone) V0N2E0
(Postal Code)

669-3383
(Telephone) V6B 5A1
(Postal Code)

Valid subsisting FMC No.

Valid subsisting FMC No. 121474

FMC Code B.L.U.S.S.L.

FMC Code P.I.O.M.E.C.

STATE THAT: (NOTE: If only paying cash in lieu, turn to reverse and complete columns G to J and Q to T.)

1. I have done, or caused to be done, work on the TASK 9, TASK 10, TASK 11,
Mike 1, Mike 2 Claim(s)

Record No(s) 2439, 2440, 2441, 2460, 2461

Work was done from Oct 20, 19 91, to Oct 26, 19 91;

and was done in compliance with Section 50 of the Mineral Tenure Act and

Section 19(3) of the Regulation YES NO

I hereby request that the claims listed in Column G on this Statement of Work be Grouped and I confirm that all claims listed are contiguous YES NO

FEE — \$10.00

TYPE OF WORK

PHYSICAL: Work such as trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails. Details as required under section 13 of the Regulations, including the map and cost statement, must be given on this statement.

PROSPECTING: Details as required under section 9 of the Regulations must be submitted in a technical report. Prospecting work can only be claimed once by the same owner of the ground, and only during the first three years of ownership.

GEOLOGICAL, GEOPHYSICAL, GEOCHEMICAL, DRILLING: Details must be submitted in a technical report conforming to sections 5 through 8 (as appropriate) of the Regulations.

PORTABLE ASSESSMENT CREDIT (PAC) WITHDRAWAL: A maximum of 30% of the approved value of geological, geophysical, geochemical and/or drilling work on this statement may be withdrawn from the owner's or operator's PAC account and added to the work value on this statement.

TYPE OF WORK (Specify Physical (include details), Prospecting, Geological, etc.)	VALUE OF WORK		
	Physical	*Prospecting	*Geological etc.
<u>Drilling</u> <u>Report stored at Wayne Smith house in Kelowna</u> <u>report to follow</u>			<u>15,750</u>
TOTALS	A	+ B	+ C <u>15,750</u> = D <u>15,750</u>
PAC WITHDRAWAL — Maximum 30% of Value in Box C Only from account(s) of <u>Pioneer metals Corp.</u>			E <u>4725</u> → E <u>4725</u>
	TOTAL		F <u>20,475</u>
* Who was the operator (provided the financing)? Name <u>Pioneer metals Corp.</u> Address <u>1770 401 W. Georgia St</u> <u>Van. B.C. Phone: 669-3383</u>	Transfer amount in Box F to reverse side of form and complete as required.		

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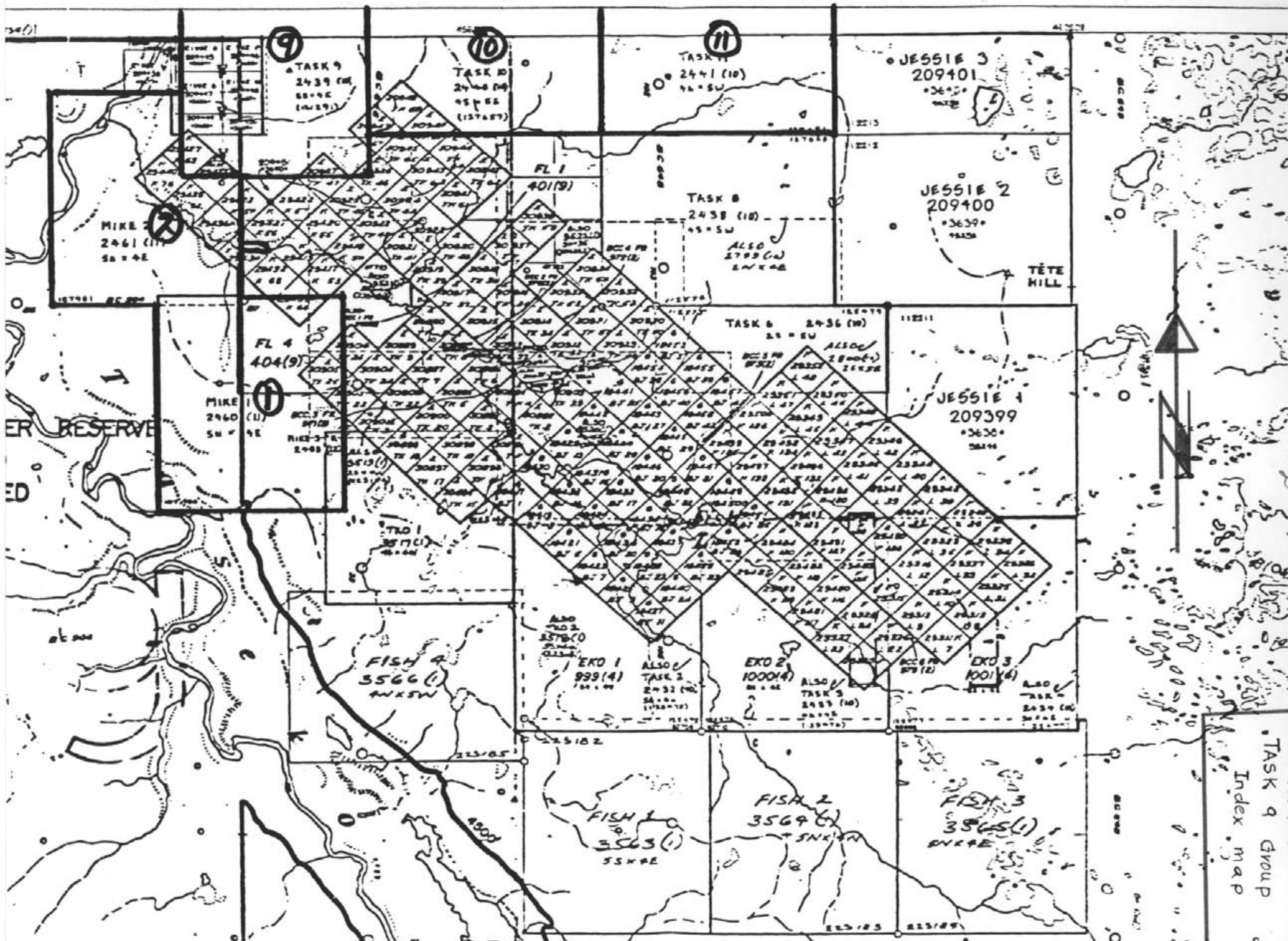
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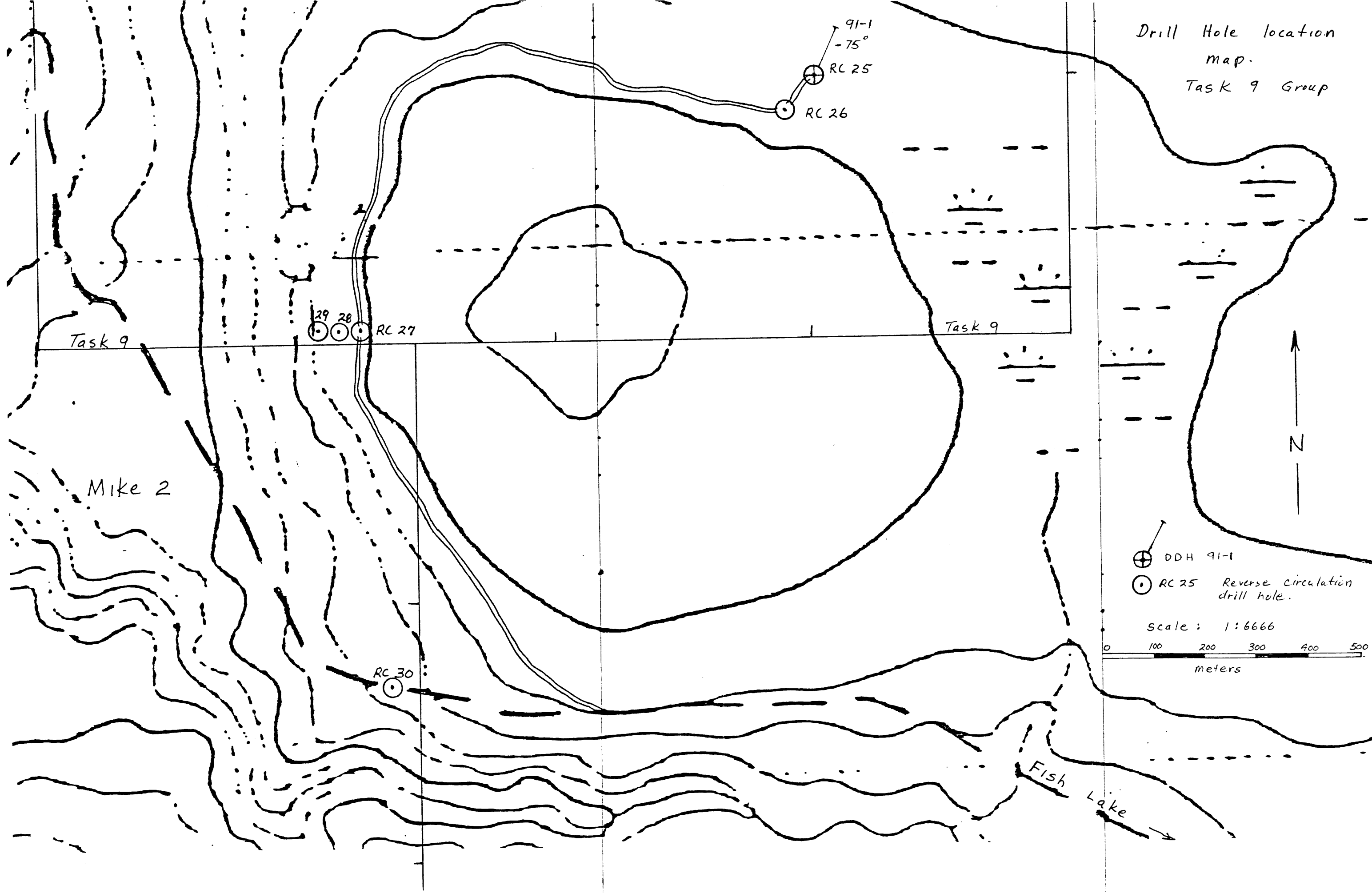
T.K.





Task 9 Group
Index map

Drill Hole location map.
Task 9 Group



91-1
-75°

RC 25

RC 26

29 28
RC 27

Task 9

Task 9

Mike 2

RC 30

DDH 91-1

RC 25 Reverse circulation
drill hole.

Scale: 1:6666

0 100 200 300 400 500
meters

Fish Lake

- x -

Introduction

Location and Access

The Task 9 group is adjacent to the Fish Lake property presently held by Cominco Ltd. The property is located about 250 Km north of Vancouver and 120 Km SW of Williams Lake. Access is provided by paved highway (No. 20) to Lee's corner, thence by the well maintained Taseko Lake gravel road to Fish Lake turn off, followed by 8 km of good dirt road to the Fish Lake campground. Four wheel drive vehicle may be required during spring breakup on the last few kilometres along Fish Creek. Float planes are easily accommodated by Fish Lake.

Topography

The area is part of the Chilcotin plateau with subdued relief; elevations ranging from 1450 to 1600 meters above sea level. Vegetation is generally open with numerous meadows, lightly wooded grasslands and clumps of jackpine and alpine fir. Tributaries to Fish Creek are dry most of the year.

The one diamond drill hole DDH 91-1 was collared beside the vertical reverse circulation overburden hole and drilled at -75° toward N 25° E. The drill contractor was Lone Ranger Drilling of Vernon, British Columbia, who supplied a highly mobile D7 cat mounted longyear 44 core drilled capable of rapid site preparation. Core size was NQ.

It was known from overburden drilling in 1989 (holes RC 25, 26) that quartz diorite found at these sites contained anomalous values of Cu and Au in quartz veinlets and sulfide disseminations. Hole 91-1 was drilled with the expectation of intersecting either the intrusive contact at the edge of the swamp to the north or an alteration and/or shear zone accounting for the recessive topography under the swamp. The former proved correct, with the hole bottoming in hornfels at 405 feet. (121.5 m)

1 FT = 0.305 M

DRILL LOG

0 - 41 overburden

- 45 set NW casing, broken quartz diorite bedrock, some oxidation

45 - 332.5 quartz diorite, medium grained, a few feldspar megacrysts up to one centimeter, mafic, black hornblende, unaltered rare biotite, in part altered to chlorite.

Magnetite, a few 2.3 millimeter clots at fine aggregates pyrite and rare chalcopryrite in one millimeter or less disseminated grains. Total sulfide less than one percent.

Veinlets - at 30 - 40 to CA, of fine grained quartz with up to 30% fine pyrite. Locally, where containing aggregates of .5 millimeters subhedral magnetite, veins have up to 10% chalcopryrite in .1 - .5 millimeter disseminations.

Veins - rare, milky quartz, up to one centimeter with up to four millimeter patches of chalcopryrite (i.e. 285.9 - 286.5)

<u>Samples</u>	<u>Au (opt)</u>	<u>Cu(pct)</u>
99.3 - 102	<.002	.02
114 - 117.5	<.002	.02
135.5 - 139	<.002	.03
201. - 205	<.002	.03
260.4 - 264.5	<.002	.03
282.8 - 285.9	<.002	.04
285.9 - 286.5	<.002	.41
287 - 290.8	<.002	.04

332.5 - 334.9 dyke <.002 .05
feldspar porphyry, dark brownish grey, dips 45°, no veinlets or disseminated sulfide.

334.9 - 346 quartz diorite, medium grained, as above

346 - 354.5 quartz diorite, chilled margin progressing downward from fine grained and porphyritic to very fine grained equigranular.

354.5 - 405 hornfels dark brownish grey to black, biotite rich, very fine grained, hairline fractures with very fine pyrite 45° to CA.

Veinlets - barren white very fine grained quartz up to one centimeter, cut pyritic fractures at high angles.

<u>Samples</u>	<u>Au (opt)</u>	<u>Cu(pct)</u>
376.5 - 380.5	<.002	.08
383.8 - 388.5	<.002	.03
390.8 - 395	<.002	.04

COST STATEMENT

Task 9 Group

Drilling contractor 400' NQ core including mobe and demobe	9435
Helper at \$300/day for 7 days	2100
Food and Lodging at \$75/day for 18 man days	1350
Quad Bike Rental at \$50/day for 7 days	350
Geologist at \$600/day for 2.5 days	1500
Core Logging, Splitting and Report	1000
Assay	<u>216</u>
TOTAL	\$15,591 =====

A

APPENDIX B

STATEMENT OF QUALIFICATIONS

Dr. S.L. Blusson is a graduate of the University of B.C. (B.Sc. Geology) and of the University of California Berkely (Ph.D. Geology and Geochemistry). Between 1965 and 1981 Dr. Blusson worked as a research geologist for the Geological Survey of Canada and is presently Vice-President of Exploration for Pioneer Metals Corporation.

Stewart Blusson

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Certificate of Analysis

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: V92-00005.4 (COMPLETE)

DATE PRINTED: 15-JAN-92

PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Cu PCT
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D2 T91-1 99.3-102	<0.002	0.02
D2 T91-1 114-117.5	<0.002	0.02
D2 T91-1 135.5-139	<0.002	0.03
D2 T91-1 201-205	<0.002	0.03
D2 T91-1 260.4-264.5	<0.002	0.03

D2 T91-1 282.8-285.9	<0.002	0.04
D2 T91-1 285.9-286.5	<0.002	0.41
D2 T91-1 287-290.8	<0.002	0.04
D2 T91-1 332.5-334.9	<0.002	0.05
D2 T91-1 376.5-380.5	<0.002	0.08

D2 T91-1 383.8-388.5	<0.002	0.03
D2 T91-1 390.8-395	<0.002	0.04