

5272

82L/5E

KAMLOOPS MINING DIVISION

LOCATION - FALKLAND, B.C.

CLAIMS ON - PEARL AND OPAL CLAIMS

OWNER - MRS. E. MARZOFF

OPERATORS - MR. M.J. MARZOFF & MR. LARRY JONES

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5272 MAP.....

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DIAMOND DRILL HOLE # 1

DAYS WORKED - 26

DATES WORKED - 5, 6, 12, 13, 17, 18, 20, 26, 27, May
2, 3, 9, 10, 16, 17, 23, 24, 30, June
7, 14, 15, 21, 22, 23, 28, 29 July, 1974.

PERSONS EMPLOYED - M.J. (Pat) Marzoff, Larry Jones.

WAGES - \$25.00 per man; \$25.00 x 2 = \$50.00 x 26 Days =
\$1300.00

COST OF ACCOMODATION - Nil

TRANSPORTATION COSTS - TO AND FROM PROPERTY , a 4 WHEEL DRIVE
½ TON PICKUP = \$230.00.

SUPPORT BY AIRCRAFT - Nil

COST OF INSTRUMENTS - Nil

COST OF GEOCHEMICAL ANALYSES - Nil

COST OF PREPARATION OF REPORT - Nil

ELEVATION OF DDH#1 - 2,750 Feet

AZIMUTH - 205°

INCLINATION OF HOLE - 48°

DEPTH OF HOLE - 150 Feet

CORE DIAMETER - 1¼ inch

DEPTH OF OVERBURDEN - Nil

CORE STORAGE - At home, R. R.#2, Long Lake Road, Vernon, B.C.

DIAMOND DRILL HOLE # 1 - DRILL CORE LOG

0' - 34'

Above 24 inches of core recovered. Gray, highly altered, sheared and fractured "Cache Creek" sediments. Siliceous in most part, minor chloritization.

34' - 40'

About 30% core recovery. Light colored feldspar porphyry. Some surficial krolinization of feldspar. Hybrid phases, minor chlorite.

40' - 70'

About 18 inches of core recovery. Feldspar porphyry and altered sediments. Some silicification, minor chloritization. Hematitic staining of fracture surfaces, and as disseminated blebs, minor pyrite. Flaky native copper, confined mainly along fracture planes.

70' - 95'

About 25% core recovery. Data, as 40' - 70'.

95' - 120'

Light green feldspar porphyry and altered sediments. Duecciation, silica healing of interstices. Some minute calcite veining. Minor chloritization, flaky gypsum on some fracture surfaces. Minor pyrite, and occasional flaky native copper. About 30% core recovery.

120' - 140'

Gray - Green to black colored altered sediments. Some intrusive and hybrid phases. Siliceous in most part hematitic staining of fracture planes, and as disseminated blebs. Flaky gypsum on some fracture planes. Minor pyrite, and flaky native copper. About 25% core recovery.

140' - 150'

In most part, highly altered sediments. Minor intrusive and hybrid phases, siliceous. Hematitic staining, minor chlorite. Some flaky gypsum. Minor pyrite and chalcophrite. About 30% core recovery.

CORE LOGGED BY - GORDON DAVIES - Fieldman
KENNCO EXPLORATIONS (W) LIMITED
4 August, 1974

Gordon Davies

DIAMOND DRILL HOLE # 2

DAYS WORKED - 22

DATES WORKED - 12, 18, 19, 21, 22, 25, 26, 28, 29 August
1, 2, 22, 28, 29, September
4, 5, 6, 7, 13, 14, 20, 21, October, 1974

PERSONS EMPLOYED - M.J. (Pat) Marzoff & Larry Jones.

WAGES - \$25.00 per man, \$25.00 x 2 = \$50.00 x 22 Days
= \$1100.00

COST OF ACCOMODATION - Nil

TRANSPORTATION COSTS , TO AND FROM PROPERTY, A 4 WHEEL DRIVE,
½ Ton Pickup - \$170.00.

SUPPORT BY AIRCRAFT - Nil

COST OF INSTRUMENTS - Nil

COST OF GEOCHEMICAL ANALYSES - Nil

COST OF PREPARATION OF REPORT - Nil

ELEVATION OF DDH#2 - 2,450 Feet

AZIMUTH - 180°

INCLINATION OF HOLE -52°

DEPTH OF HOLE - 171 Feet

CORE DIAMETER - 1¼ inch

DEPTH OF OVERBURDEN - Nil

CORE STORAGE - At home, R. R.#2, Long Lake Road, Vernon, B.C.

DIAMOND DRILL HOLE # 2 - DRILL CORE LOG

0' - 15'

About 35% core recovery. In most part a dense, gray colored siliceous rock, likely a highly altered "Cache Creek" sediment. Some intrusive and hybrid phases. Brown limonite coatings along fracture planes. Minor disseminated pyrite.

15' - 25'

About 25% core recovery. Intrusive and hybrid phases. Limonite coating fracture planes. Minor pyrite and chalcopryite, blebby malachite on some fracture surfaces.

25' - 40'

About 40% core recovery. A gray to green colored variably altered granodiorite. Occasional pinky "K" spar inclusions along or close to some fractures. Some chloritic alteration of mafic mineral. Minor pyrite, chalcopryite, and malachite.

40' - 50'

About 70% core recovery. Gray colored granodiorite, Some "K" spar inclusions along fracture planes. Minor chlorite. Minor disseminated pyrite.

50' - 60'

About 60% core recovery. Light to dark colored intrusive. Occasional pinky "K" spar along and closely adjacent to some fracture cleavage. Chloritic alteration, noticeable along fracture planes. Pyrite, disseminated and as minute threads. Blebby malachite, after minor bornite and chalcocite. Minor erratic chalcopryite.

60' - 70'

About 70% core recovery. Gray to light green colored granodiorite, chloritic alteration of mafic mineral. Minor erratic pyrite and chalcopryite. Occasional blebby malachite on some fracture planes.

70' - 85'

About 60% core recovery. Gray to green colored intrusive. Weak chloritic alteration of mafic mineral. Minor disseminated pyrite, erratic traces of chalcopryite.

DIAMOND DRILL HOLE # 2 - DRILL CORE LOG

Page 2

85' - 115'

About 50% core recovery. Green to black colored variably altered intrusive. Minor pyrite, disseminated, and confined to fracture cleavage. Occasional pinky "K" spar. Chloritic alteration of mafic mineral.

115' - 125'

About 70% core recovery. Green colored, variably altered intrusive. Chloritic alteration of mafic mineral. Reddish - brown limonitic coatings and flecks along fracture planes. Some brecciation. Dark, fine grained to dense phases. Minor pyrite.

125' - 140'

About 70% core recovery. Light green intrusive. Chloritic alteration of mafic mineral. Reddish - brown staining of some fracture surfaces. Flaky gypsum on some fracture planes. Erratic traces of pyrite.

140' - 155'

About 60% core recovery. Green colored intrusive. Reddish-brown coatings on some fracture surfaces, and as flecks and irregular minute seams. Flaky gypsum on some fracture surfaces. Minor disseminated pyrite.

155' - 171'

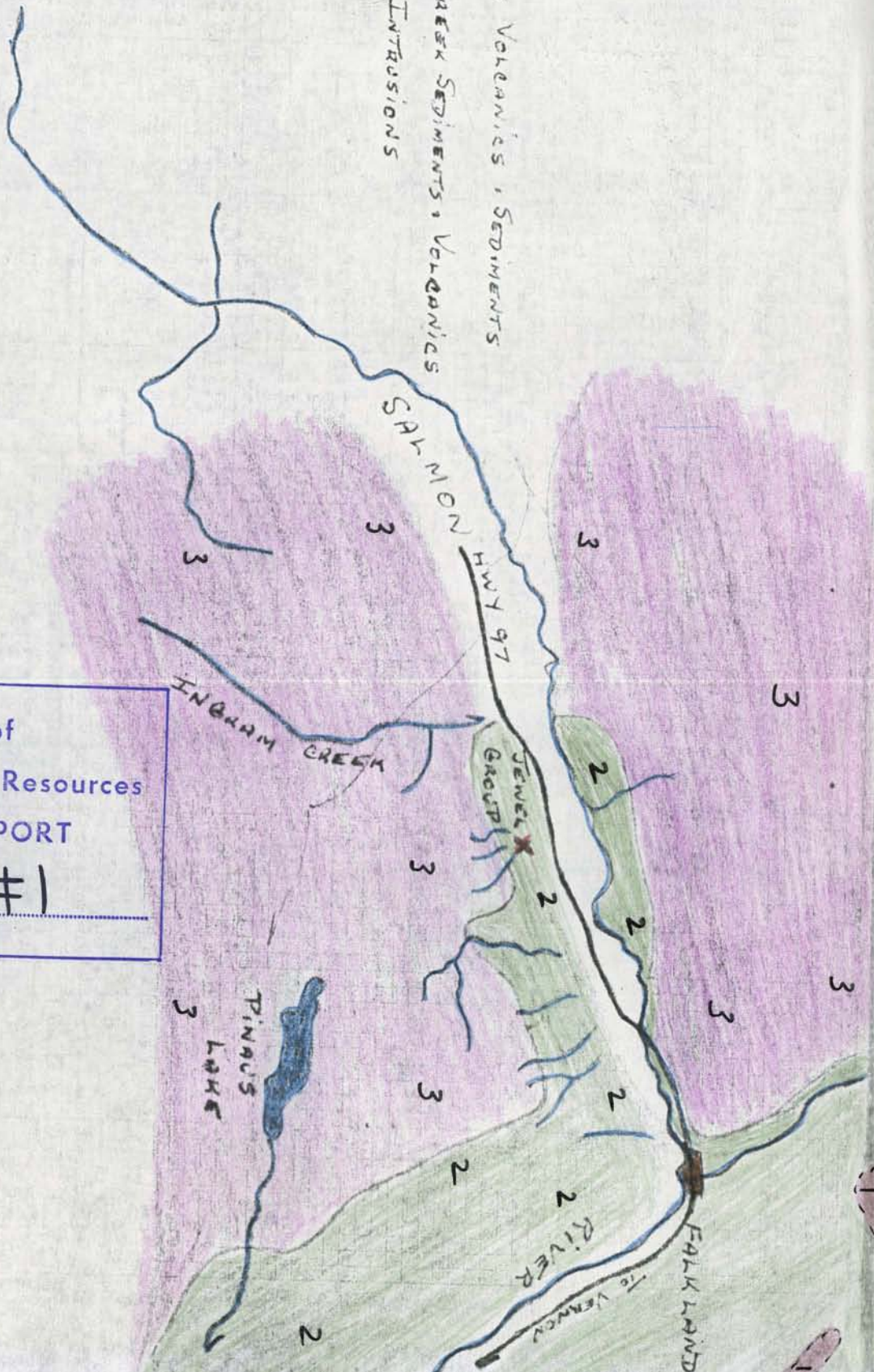
About 40% core recovery. Variably altered intrusive. Brecciated. Variable chloritic alteration. Some reddish-brown staining of fracture surfaces. Calcite veining. Minor disseminated pyrite.

CORE LOGGED BY - GORDON DAVIES - Fieldman
KENNCO EXPLORATIONS (W) LIMITED
8 October, 1974

Gordon Davies

NORTH ↑

- 3 - TERTIARY Volcanics, Sediments
- 2 - Cache Creek Sediments, Volcanics
- 1 - Coast Intrusions



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ASSESSMENT REPORT
NO. 5272 MAP #1

Vernon 62 1/2 SW.

1" = 2 M.

FALKLAND, B.C. - 5 MILES →

SALMON RIVER VALLEY

PEARL M.C.

NORTH ↑

To Hwy 97

2 X DDH #2

LOCATION LINE

I POSTS
OPAL & PEARL M.C.'S

4 - CACHE CREEK
SEDIMENTS

3 - MINERALIZED
CACHE CREEK
SEDIMENTS

2 - GRANODIORITE

1 - TERTIARY BASAL

OPAL M.C.

113
X DDH #1

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NO. 5272 MAP #2

1" = 200'

↑
NORTH

HIGHWAY 97 NORTH

5 MILES TO FALKLAND

RUBY M.C.

PEARL M.C.

TOPAZ M.C.

OPAL M.C.

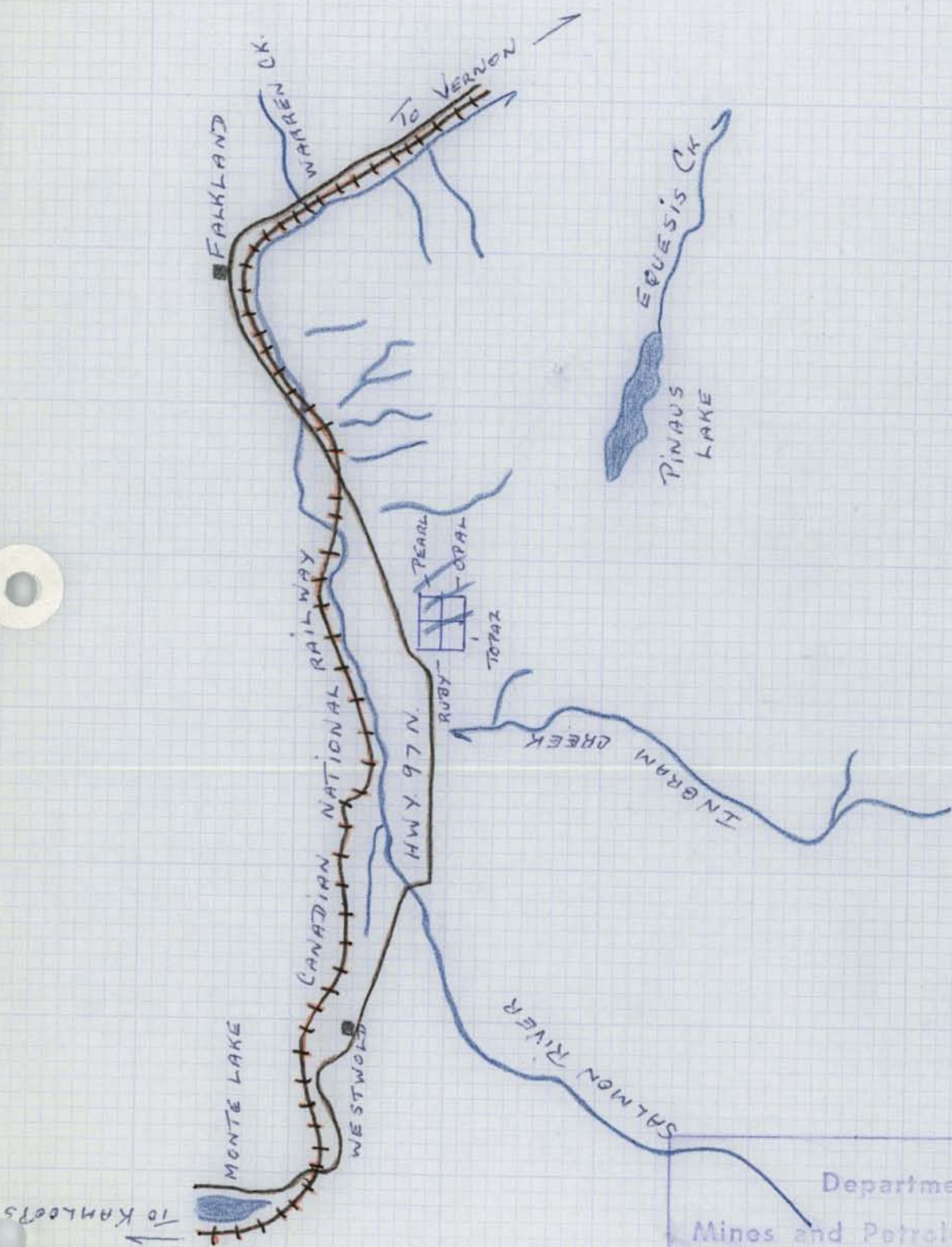
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Mines and Petroleum Resources

ASSESSMENT REPORT

NO. 5272 MAP #3

1 INCH = 400 FEET

NORTH



SKETCHED FROM MAP: VERNON, B.C. 82L/S.W

SCALE: 1" = 2 MILES

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5272 MAP #4

DIAMOND DRILL HOLE # 1

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½ TON PICKUP - \$230.00.

SUPPORT BY AIRCRAFT - Nil

COST OF INSTRUMENTS - Nil

COST OF GEOCHEMICAL ANALYSES - Nil

COST OF PREPARATION OF REPORT - Nil

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AZIMUTH - 205°

INCLINATION OF HOLE - 48°

DEPTH OF HOLE - 150 Feet

CORE DIAMETER - 1¼ inch

DEPTH OF ~~OVERBURDEN~~ - Nil

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70' - 95'

About 25% core recovery. Data, as 40' - 70'.

95' - 120'

Light green feldspar porphyry and altered sediments. Decalcification, silica healing of interstices. Some minute calcite veining. Minor chloritization, flaky gypsum on some fracture surfaces. Minor pyrite, and occasional flaky native copper. About 30% core recovery.

120' - 140'

Gray - Green to black colored altered sediments. Some intrusive and hybrid phases. Siliceous in most part hematitic staining of fracture planes, and as disseminated blebs. Flaky gypsum on some fracture planes. Minor pyrite, and flaky native copper. About 25% core recovery.

140' - 150'

In most part, highly altered sediments. Minor intrusive and hybrid phases, siliceous. Hematitic staining, minor chlorite. Some flaky gypsum. Minor pyrite and chalcophyllite. About 30% core recovery.

CORE LOGGED BY - GORDON DAVIES - Fieldman
KLEGG EXPLORATIONS (B) LIMITED
4 August, 1974

Gordon Davies

DIAMOND DRILL HOLE # 2

DAYS WORKED - 22

DATES WORKED - 12, 18, 19, 21, 22, 25, 26, 28, 29 August
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SUPPORT BY AIRCRAFT - Nil

COST OF INSTRUMENTS - Nil

COST OF GEOCHEMICAL ANALYSES - Nil
COST OF PREPARATION OF REPORT - Nil
ELEVATION OF DDH # 2 - 2,450 Feet

AZIMUTH - 180°

INCLINATION OF HOLE - 52°

DEPTH OF HOLE - 171 Feet

CORE DIAMETER - 1¼ inch

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60' - 70'

About 70% core recovery. Gray to light green colored granodiorite, chloritic alteration of mafic mineral. Minor erratic pyrite and chalcopyrite. Occasional blebby malachite on some fracture planes.

70' - 85'

About 60% core recovery. Gray to green colored intrusive. Weak chloritic alteration of mafic mineral. Minor disseminated pyrite, erratic traces of chalcopyrite.

DIAMOND DRILL HOLE # 2 - DRILL CORE LOG

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About 70% core recovery. Light green intrusive. Chloritic alteration of mafic mineral. Reddish-brown staining of some fracture surfaces. Flaky gypsum on some fracture planes. Erratic traces of pyrite.

140' - 155'

About 60% core recovery. Green colored intrusive. Reddish-brown coatings on some fracture surfaces, and as flecks and irregular minute seams. Flaky gypsum on some fracture surfaces. Minor disseminated pyrite.

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