

STATEMENT OF EXPLORATION
EXPENDITURE

COMMERCE MOUNTAIN PROPERTY,

July-August, 1974.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5560 MAP _____

- WORK AFFIDAVIT -

Period Worked:

July 11, 12, 13, 14 - preparing drill set ups
July 31 - Aug. 15 - drilling
Aug. 16, 17 - moving drill out and cleaning up set ups.

Drill used - AQ adapted Boyles X-Ray drill

Total Footages:

DDH: 1 -	131 feet	Core Stored At Site
DDH: 2 -	125 feet	
DDH: 3 -	87.5 feet	
DDH: 4 -	67 feet	
TOTAL	410.5 feet	

Diamond Drilling - Total 410 feet in four diamond drill holes.

Dates worked by F. Goble, E. Goble

July 11, 12, 13, 14, 31, 1975	5 days
Aug. 1-17 (inclusive), 1974	17 days
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	22 days

RATES:

F. Goble	\$175.00/ day
E. Goble	\$175.00/ day

TOTAL WAGES

F. Goble	\$3,850.00	WAGES
E. Goble	\$3,850.00	WAGES

TOTAL	\$7,700.00	WAGES
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FOOD: - 44 man days at \$8.00 per day = \$ 352.00

GROUND TRANSPORTATION: 4 wheel drive chevrolet truck at \$475.00 per month plus 14¢ per mile:

22/31 x 475 = \$337.09
mileage 620 miles x .14 = \$85.80

TOTAL TRANSPORTATION COSTS \$ 422.89

DRILL RENTAL: Nil (owned by Kintla Explorations Ltd.)

DRILL BITS AND CASING SHOES: (estimated from previous inventory) = \$500.00

TOTAL COST OF PROGRAM: \$8,974.89.

Drill Hole Logs: core stored at site in wooden core boxes.

DDH: 1 - AQ core, Azimuth vertical, Elevation 7100', inclination 90°.

FOOTAGE	CORE RECOVERY	LOG
0 - 3.5	-	overburden - possibly in place - highly fractured quartz cemented syenite breccia boulders present.
3.5- .5	75%	highly fractured pink syenite breccia, about 5% pyrrhotite and pyrite. Some fluorite (less than 1%) no water return.
15 - 18.5	0%	ground core, cuttings similar to above
18.5- 35.0	75-80%	highly fractured syentic breccia - cemented by white quartz - about 10% Pyrrhotite and pyrite, less fluorite, minor wad cavities up to 1 1/2'.
35.0-35.5	0%	major wad cavity - cuttings solid black, no core
35.5-40.5	85-90%	solid grey syenite - not fractured
40.5-42.0	5%	Ground core, highly fractured pink syenite minor pyrrhotite and pyrite
42.0-65.5	75%	highly fractured pink syenite breccia, quartz cement, some hematization of fractures - band from 51.0 to 56.5 approximately 15% pyrite and pyrrhotite. Remainder 5-7% pyrrhotite and pyrite
65.5-66.0	0%	ground core - cuttings show wad
66.0-73.0	75-80%	pink syenite - less fracturing, no hematization. less than 5% pyrrhotite and pyrite
73.0-131.0	80-85%	grey syenite - little fracturing, no hematization, less than 5% pyrrhotite and pyrite. No fluorite visible.
131.0		END OF HOLE.

DDH: 2 - AQ Core, Azimuth vertical, Elevation - 7100', inclination 90°.

FOOTAGE	CORE RECOVERY	LOG
0.0- 12.0	-	overburden - casing required.
12.0- 24.5	80%	highly fractured pink syenitic breccia, about 7% pyrrhotite and pyrite, cemented with 3 layers quartz, less than 1% fluorite.
24.5- 27.0	15%	very vuggy, wad filled pink syenite
27.0- 31.5	0%	ground core - cuttings show pink syenite and wad
31.5- 49.5	80-85%	highly fractured syenitic beccia, 10-15% pyrrhotite and pyrite, minor galena, peculiar hematite and arsenopyrite (each less than 0.25%), wad leuses of 0.5 to 1.5 inces
49.5- 50.5	0%	ground core
50.5- 63.0	85-90%	grey syenite, very little fracturing, no apparent hematization
63.0- 63.5	50%	pink, fractured pink syenitic breccia, less than 3% sulfides, no fluorite
63.5-64.0	0%	ground core
64.0-82.0	75-80%	highly fractured pink syenitic breccia, less than #% sulfides, no fluorite
82.0-82.5	0%	ground core, cuttings show wad
82.5-88.0	80-85%	grey syenite, little fracturing, less than 3% sulfides, no fluorite
88.0- 92.5	80-85%	highly fractured pink syenitic breccia, 10-12% pyrrhotite and pyrite, 1-2% fluorite, minor hematization
92.5-125.0	85-90%	grey syenite, very little fracturing, no apparent hematization
125.0		END OFHOLE.

DDH: 3 - AQ core, Azimuth vertical, Elevation - 7,100', inclination 90°

FOOTAGE	CORE RECOVERY	LOG
0- 25.5	-	overburden - casing required
25.5- 41.5	75-80%	highly fractured pink syenitic breccia, 9-10% pyrrhotite and pyrite, 1-2% fluorite. Minor hematization, scattered vugs $\frac{1}{2}$ -1" filled with wad.
41.5- 42.0	15%	pink syenite with wad.
42.0- 53.0	75-80%	highly fractured pink syenitic breccia, 2-3% pyrrhotite and pyrite. Minor fluorite, galena, sphalerite and arsenopyrite.
53.0- 54.5	0%	ground core
54.5- 59.0	75%	grey syenite, minor fracturing, no hematization.
59.0- 64.5	80%	highly fractured pink syenitic breccia, no hematization, less than 2% sulfides
64.5- 87.5	85%	grey syenite
87.5		END OF HOLE.

DDH: 4 - AQ core, Azimuth vertical, Elevation -7,100', inclination 90°.

FOOTAGE	CORE RECOVERY	LOG
0- 5.5	-	overburden
5.5- 23.5	75-80%	highly fractured pink syenitic breccia, 5-7% pyrrhotite and pyrite, 1-2% fluorite, minor galena and arsenopyrite, possible flecks of gold visible at 22.5
23.5- 25.5	55%	vuggy fractured pink syenitic breccia, 1-2% sulfides 35-40% wad. Crystals of galena or tungsten in wad.
25.5- 26.5	-	ground core
26.5- 32.0	75-80%	grey syenite, little fracturing
32.0- 33.5	75%	highly fractured pink syenitic breccia highly hematized 15-20% sulfides (pyrite and pyrrhotite and minor galena, arsenopyrite) 1-2% fluorite.
33.5- 67.0	85%	grey syenite, little fracturing, less than 2% sulfides, no fluorite
67.0		END OF HOLE.

C E R T I F I C A T E

I, E.O. Goble, of the city of Edmonton, in the province of Alberta, hereby declare:

- 1) That I am a member in good standing of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.
- 2) That I am a graduate of the University of Alberta, with the degrees of Bachelor of Science, 1968 and Bachelor of Science (Geology) 1969.
- 3) That I held the position of Chief Geologist and President of Kintla Explorations Limited of #7-8540-109 Street, Edmonton, Alberta.
- 4) That I did supervise and carry out the work done on the Commerce claims in the Fort Steele Mining Division between July 11 and Aug 17, 1974.
- 5) That the WORK AFFADAVIT accompanying this certificate is a true statement of costs incurred during the exploration carried out on the Commerce Claims during July and August, 1974.
- 6) That the four diamond drill hole logs accompanying this certificate are logs of the holes drilled on the Commerce Claims between July 11 and August 17, 1974.

Submitted July 14, 1975



E.O. Goble

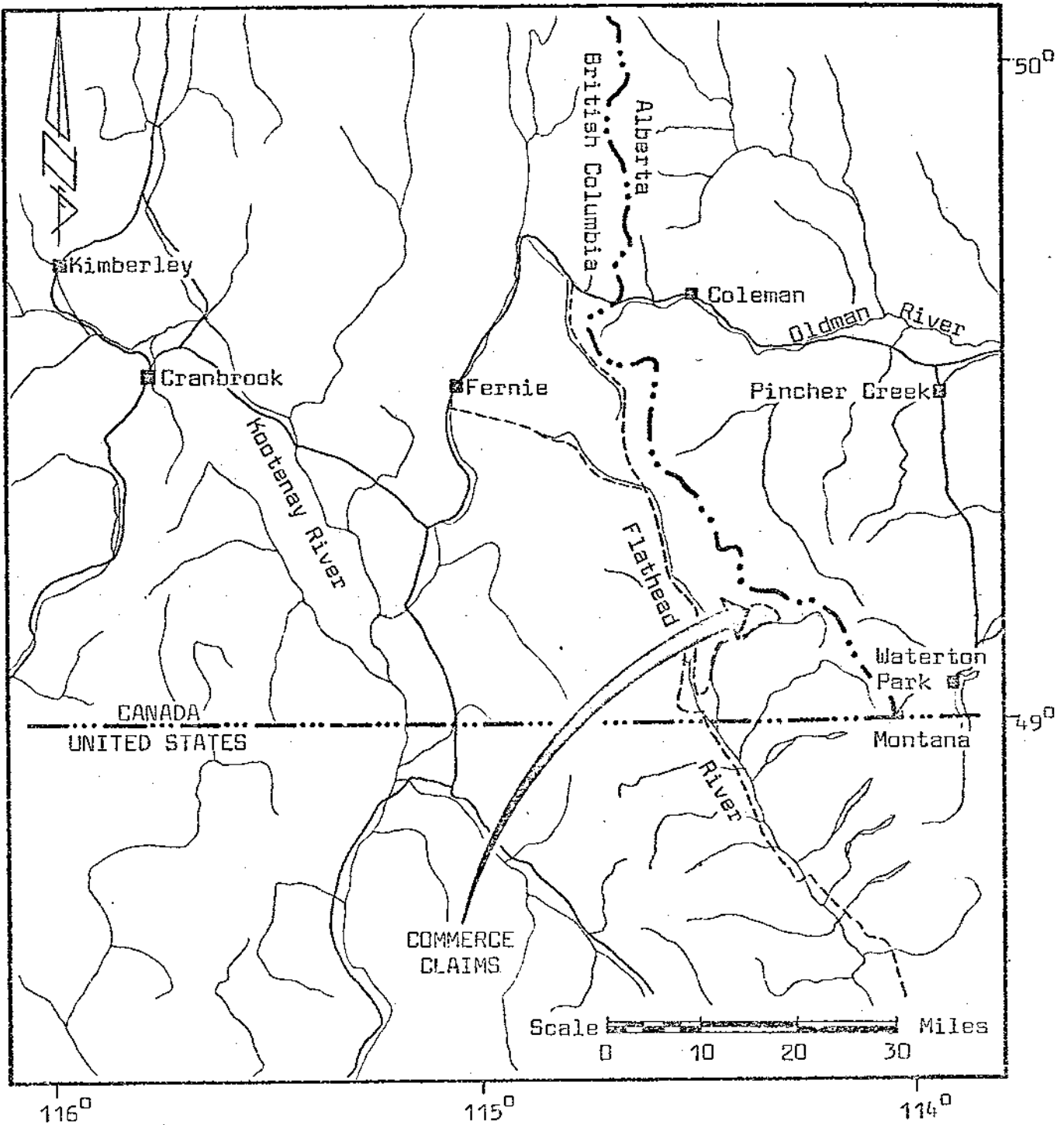


FIGURE 1: LOCATION MAP OF COMMERCE CLAIM BLOCKS.

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MAP 1

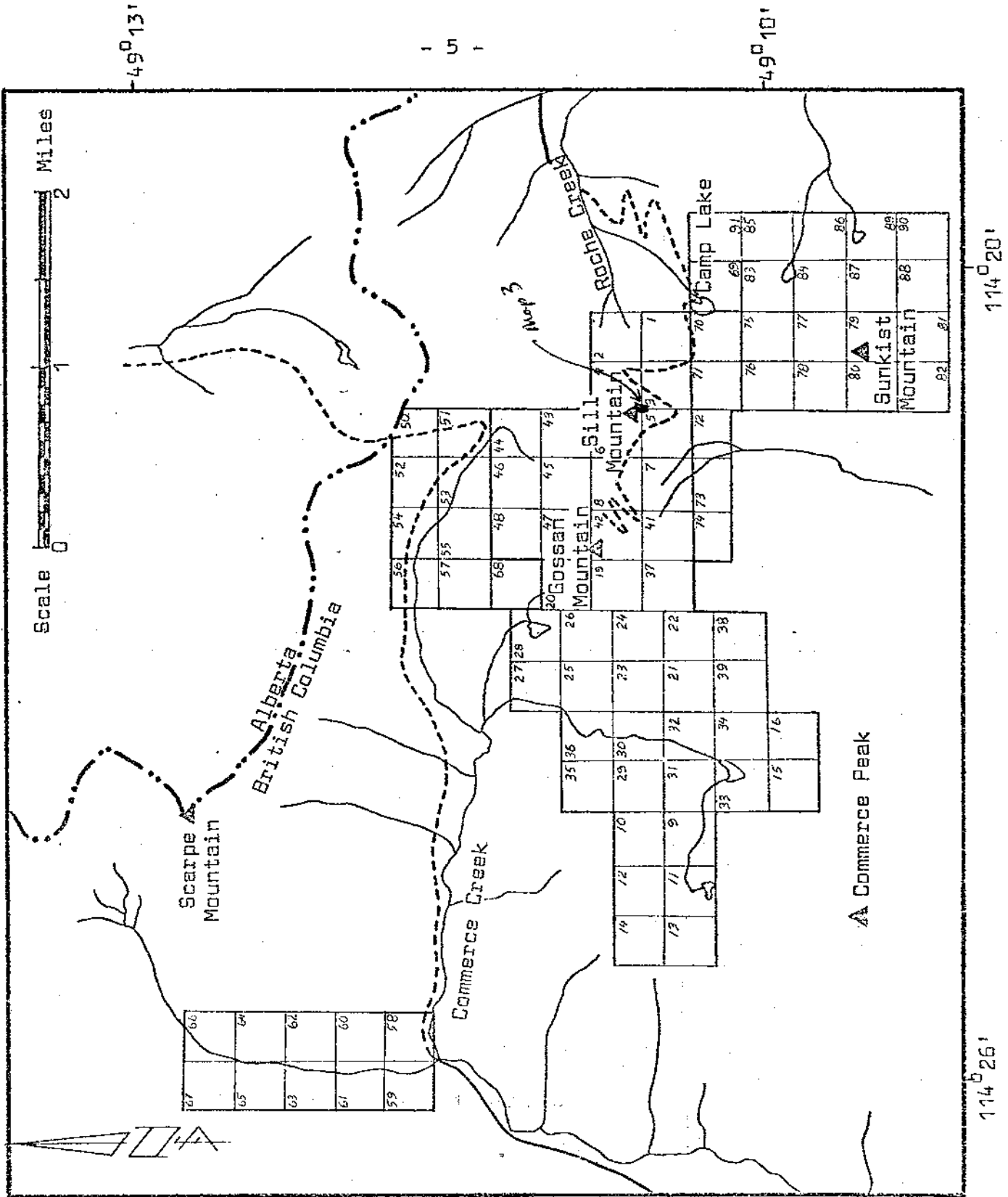


FIGURE 2: CLAIM BOUNDARIES - COMMERCE CLAIM BLOCKS.

5560
MAP 2



outcrop

Road

DDH-1

150'

DDH-4

100'

DDH-2

trenched Area

100'

DDH-3

Bulldozed

Rubble Department of
 Mines and Petroleum Resources
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outcrop

Map 3

Scale:
1" = 50'