



DRILLING REPORT
ON THE
HOT 30 PROPERTY

FORT STEELE MINING DIVISION, BC

TRIM 82 G/ 001
NTS 82 G/4W

Latitude: 49° 06'N

Longitude: 115° 55'W

OWNER:
Abitibi Mining Corp.
#711 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

OPERATOR:
Klondike Gold Corp.
#711 - 675 West Hastings Street
Vancouver, B.C.
V6B 1N2

BY:
P. SOUTHAM, P. Geo. (B.C.)

GEOLOGICAL SURVEY BRANCH
ASSESSMENT DIVISION

April, 2002

26,836

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LOCATION AND ACCESS

The property is located approximately 48 kilometers south-southwest of Cranbrook, BC (figure 1). The Hot 30 claims are centered on 49° 06' north latitude and 115° 55' west longitude on NTS sheet 82G/4W or Mineral Titles Reference Map M082G001. It is accessible by highway 95 to Yahk and Hawkins Creek gravel road.

TOPOGRAPHY AND VEGETATION

The topography of the area is rolling hills ranging in elevation from 930 meters (3052 ft.) above sea level (ASL) at the shore of Moyie Lake to 1220 meters (4000 ft.) ASL. The vegetation consists of coniferous trees with underbrush of alders.

PROPERTY STATUS

The property (figure 2) consists of 2 four-post and 39 two-post claims listed in Table 1.

HISTORY

Placer gold exploration and mining in the East Kootenay region began on the Wild Horse River near Ft. Steele in the mid-1860's. The discovery of the St. Eugene and Sullivan deposits in the early 1890's switched the focus to lead and zinc exploration and mining.

In the Yahk area, St. Eugene Mining Corporation Ltd. first mapped tourmalinite occurrences on Mt. Mahon. In 1980-81, a thirteen-hole drill program was conducted. Drill hole YA-6 intersected a massive sulphide zone at a shallow depth. In 1984, Chevron Canada Resources Ltd. optioned the property and drilled two holes to test the Sullivan Time horizon on Mt. Mahon. Minnova Inc. optioned the property in 1991. Six holes were drilled in search of extensions to the mineralization intersected in hole YA-6. Abitibi Mining Corp. carried out prospecting, geochemical sampling and mapping on the Yahk property in 1996, 1997 and 1998, and drilled three closely spaced holes in 1998 on the east flank of Mt. Mahon (Gal, L., Weidner, S., 1999).

REGIONAL GEOLOGY

The Hot 30 property lies within the Belt-Purcell basin, a Middle Proterozoic basin with an early synrift fill succession, the Pritchard and Aldridge formations, and an overlying rift cover succession. The Aldridge Formation and correlative Pritchard Formation in the United States are dominated by deep water turbidites that contain numerous mafic sills and a variety of base metal deposits including the massive to stratiform Sullivan SEDEX deposit, many small veins in the Aldridge, stratbound Cu-Co in Pritchard rocks and some of the Ag-Pb-Zn-rich veins of the Coeur d'Alene camp (Hoy, T., Anderson, D., Turner, R.J.W. and Leitch, C.H.B., 1995)

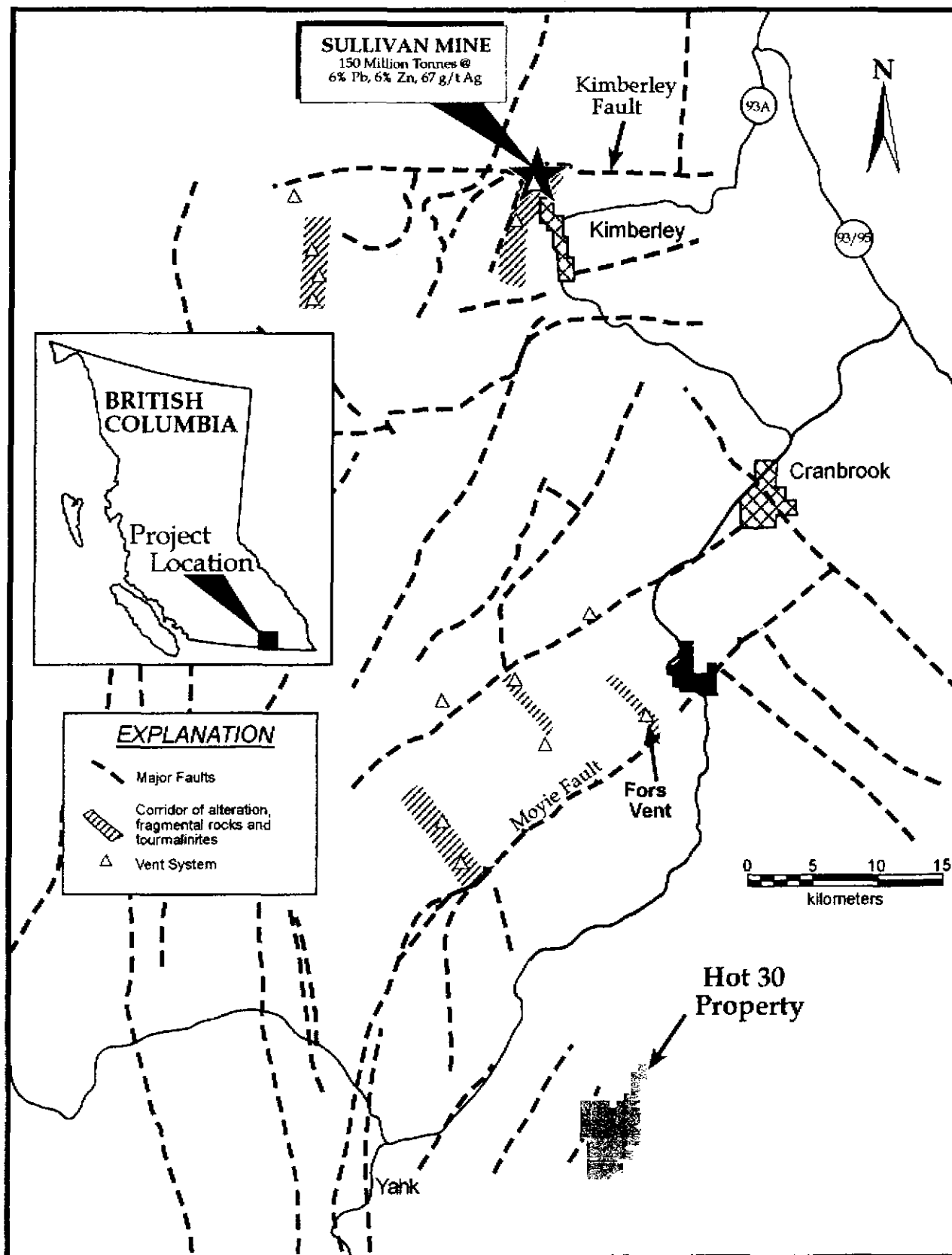


Figure 1. Property Location Map

Table 1 - Claims List

<u>CLAIM NAME</u>	<u>RECORD No.</u>	<u>UNITS</u>	<u>EXPIRY DATE*</u>	<u>OWNER</u>
Cold 1	344333	1	Nov 23, 2002	ABB
Cold 2	344334	1	Nov 23, 2002	ABB
Cold 4	344336	1	Nov 23, 2002	ABB
Cold 9	344341	1	Nov 23, 2002	ABB
Cold 11	344343	1	Nov 23, 2002	ABB
Cold 15	344347	1	Nov 23, 2002	ABB
Cold 17	344349	1	Nov 23, 2002	ABB
Cold 21	344353	1	Nov 23, 2002	ABB
Cold 23	344355	1	Nov 23, 2002	ABB
Cold 25	344357	1	Nov 23, 2002	ABB
Cold 27	344359	1	Nov 23, 2002	ABB
Cold 28	344360	1	Nov 23, 2002	ABB
Cold 30	344362	1	Nov 23, 2002	ABB
Cold 34	344366	1	Nov 23, 2002	ABB
Cold 45	344377	1	Nov 23, 2002	ABB
Cold 47	344379	1	Nov 23, 2002	ABB
Cold 50	344382	1	Nov 23, 2002	ABB
Cold 51	344415	1	Nov 23, 2002	ABB
Cold 52	344416	1	Nov 23, 2002	ABB
Cold 53	344417	1	Nov 23, 2002	ABB
Cold 54	344418	1	Nov 23, 2002	ABB
Cold 55	344419	1	Nov 23, 2002	ABB
Cold 56	344420	1	Nov 23, 2002	ABB
Cold 58	344422	1	Nov 23, 2002	ABB
Cold 70	344434	1	Nov 23, 2002	ABB
Hot 2	350892	20	Nov 23, 2002	ABB
Hot 6	350895	20	Nov 23, 2002	ABB
Hot 22	361043	1	Nov 23, 2002	ABB
Hot 23	361043	1	Nov 23, 2002	ABB
Hot 24	361044	1	Nov 23, 2002	ABB
Hot 25	361045	1	Nov 23, 2002	ABB
Hot 26	361046	1	Nov 23, 2002	ABB
Hot 27	361047	1	Nov 23, 2002	ABB
Hot 28	361048	1	Nov 23, 2002	ABB
Hot 29	361049	1	Nov 23, 2002	ABB
Hot 30	361050	1	Nov 23, 2002	ABB
Hot 31	361051	1	Nov 23, 2002	ABB
Hot 61	351513	1	Nov 23, 2002	ABB
Hot 18	350897	1	Nov 23, 2002	ABB
Hot 19	350898	1	Nov 23, 2002	ABB
Hot 20	350899	1	Nov 23, 2002	ABB

* With acceptance of this report.
 ABB - Abitibi Mining Corp.

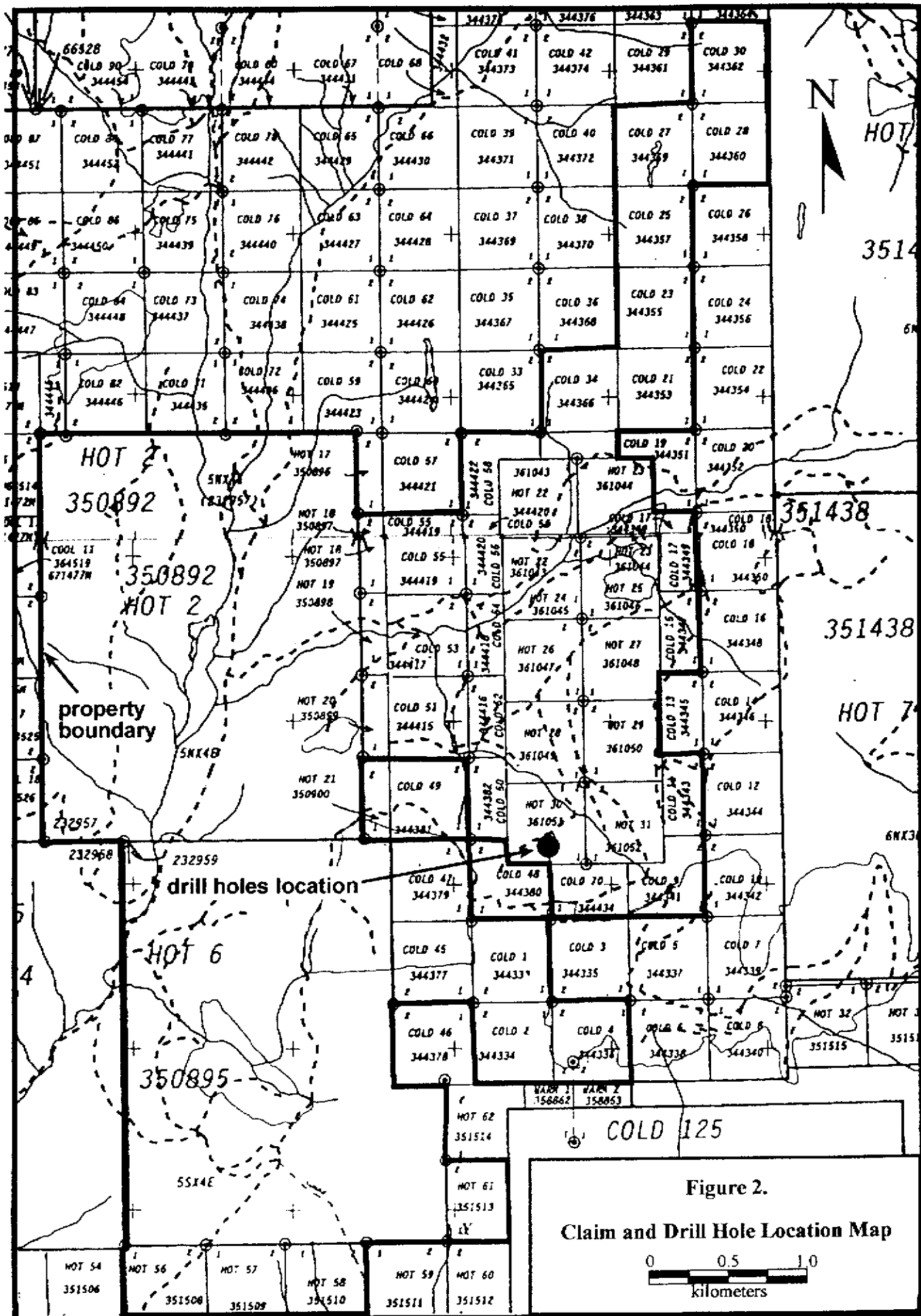


Figure 2.
 Claim and Drill Hole Location Map

0 0.5 1.0
 kilometers

PROPERTY GEOLOGY

The Hot 30 claim is underlain by dominantly siliclastic sedimentary rocks of the Lower and Middle Aldridge formations. The Proterozoic Moyie Intrusions are gabbro sills and intrude the Lower, and lower part of the Middle Aldridge formations. Regional metamorphism is upper greenschist facies.

WORK PROGRAM

Two diamond drill holes totalling 154.2 meters (505 feet) of drilling were completed to test an area of near surface exhalative style venting.

DRILLING RESULTS

Hole CC-01-1 was drilled at azimuth 360 degrees at -50 degrees dip to a total depth of 91.4 meters (300 ft.) (Figure 3). The hole intersected thin bedded quartzite that increase in albitization and biotization toward the underlying gabbro sill. Two thin fragmental sheets were intersected in the upper part of the hole. The hole bottomed in what is locally called the "Sundown Sill", a thick gabbro sill which lies approximately 1,000 meters above the Sullivan Horizon.

Hole CC-01-2 was drilled at azimuth 180 degrees at -45 degrees dip to a total depth of 62.8 meters (206 ft.) (Figure 4). It was collared in fragmental with brown-tan tourmaline and small (<1cm) fragmental. Below this fragmental lies a package of thin bedded silty quartzites with deformed beds and disseminated pyrite, pyrrhotite, biotite and garnet. This hole also bottomed in the Sundown Sill.

SUMMARY AND CONCLUSIONS

Significant work has been conducted in the Yahk area of the Purcell Basin. The majority of this work has been focussed on the Mt. Mahon area where significant lead-zinc mineralization was found in the 1980's. Regional airborne geophysics and surface work by Abitibi Mining Corp. in 1996 and 1997 discovered the presence of another area of fragmental rocks with lead and zinc mineralization in soils to the east of Mt. Mahon called the Cold Creek fragmental. The drilling conducted in 2001 was intended to test the Cold Creek area at shallow depths for indications of fragmental material, tourmalinization and lead-zinc mineralization.

The Cold Creek fragmental is a significant target in the Sullivan camp that has yet to be tested down to Sullivan time. The drilling confirmed the presence of vent activity at shallow depths with minor associated sulphide minerals. Further work on the property should include a drill test to Sullivan time.

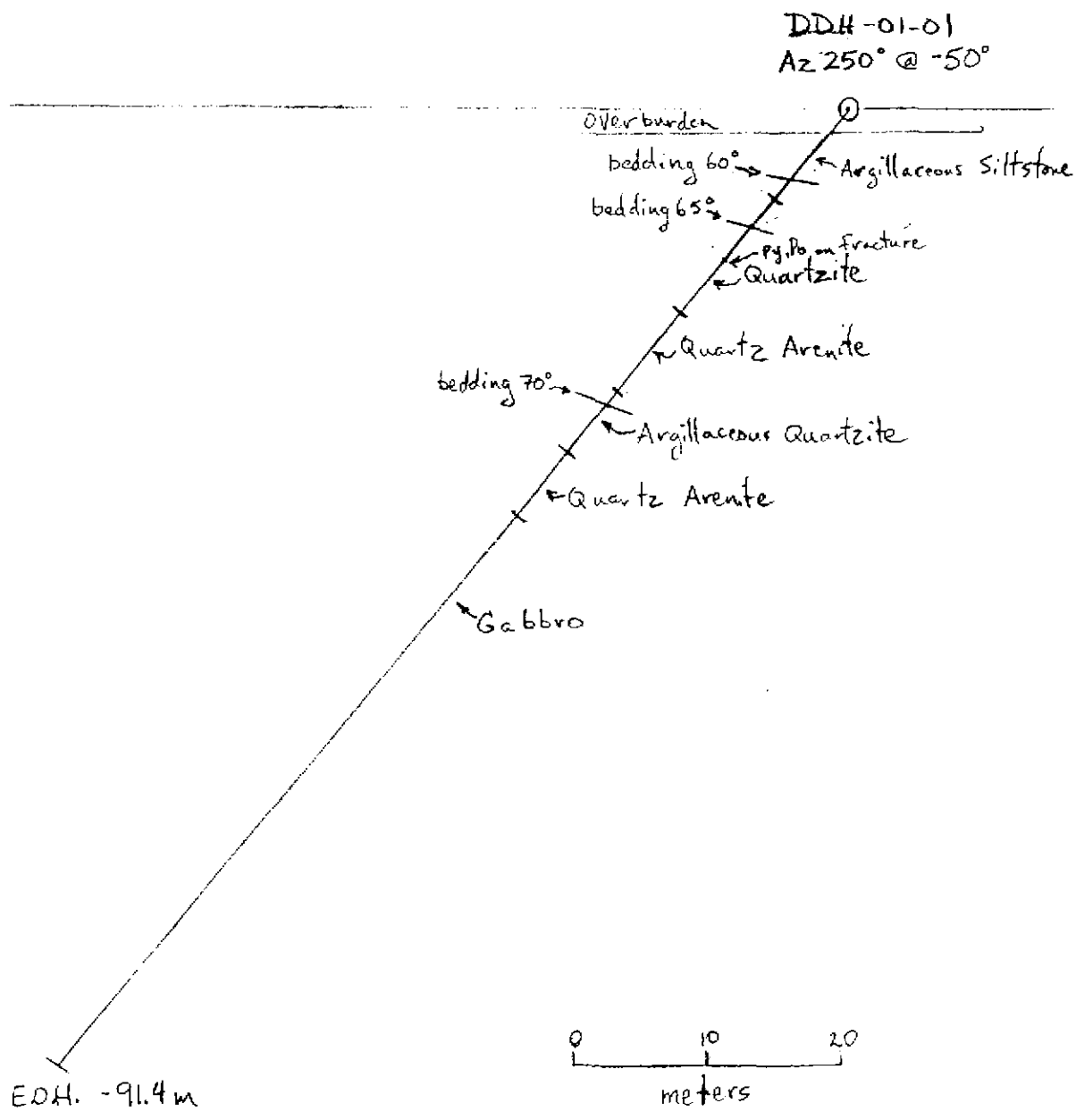


Fig. 3
Hot 30 Property
Cross Section DDH-01-01
Looking North

DDH-01-02
Az 290° @ -70°

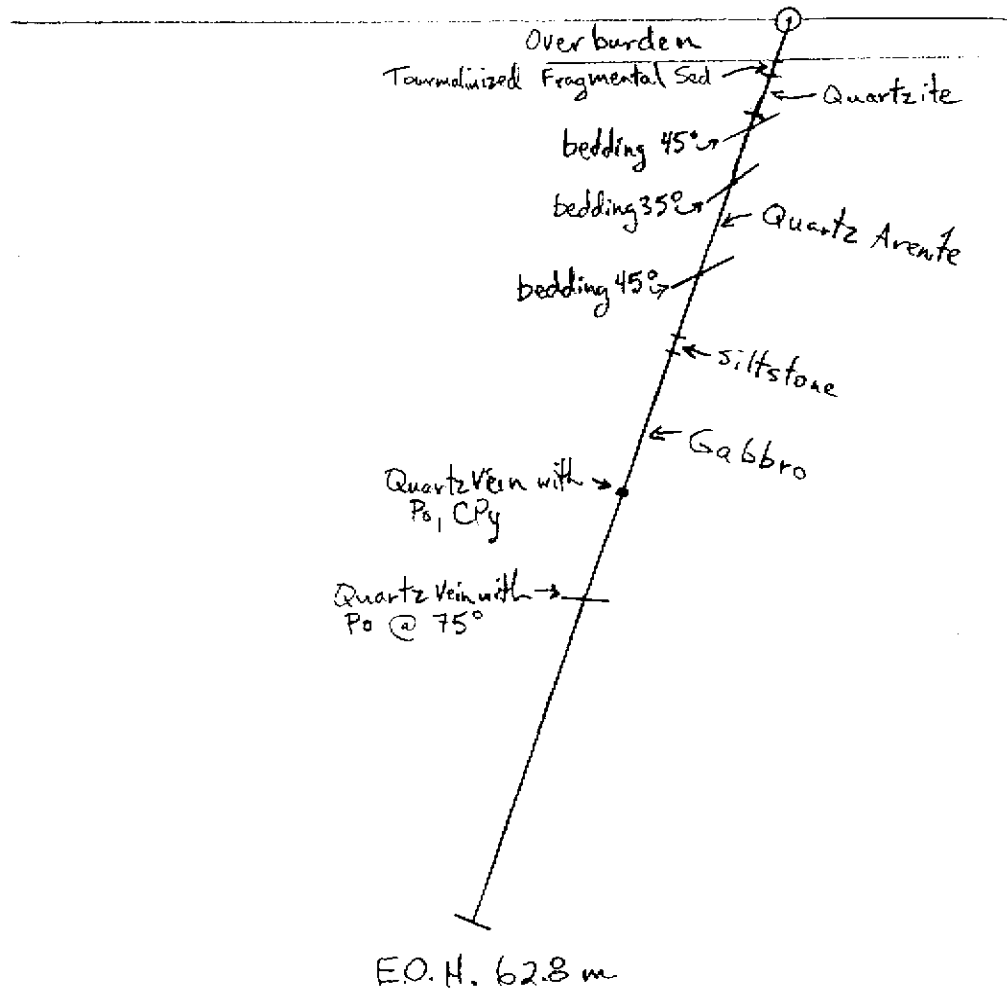


Fig. 4
Hot 30 Property
Cross Section DDH-01-02
Looking North

BIBLIOGRAPHY

GAL, L., WIEDNER, S., 1999; 1999 geological evaluation of the Yahk property, Fort Steele Mining Division, British Columbia, Canada. BC Assessment Report.

HOY, T., ANDERSON, D., TURNER, R.J.W. and LEITCH, C.H.B., 1995; Tectonic, magmatic and metallogenic history of the early synrift phase of the Purcell Basin, southeastern British Columbia, BC Mineral Deposits Research Unit - short course, October, 1995

APPENDIX I

STATEMENT OF EXPENDITURES

HOT 30 PROPERTY - EXPENDITURES

SALARIES

Glen Rodgers - 5 manday @ \$250/day 1250

Report preparation - P. Southam - 1 manday @ \$206/day 206

DIAMOND DRILLING

154.2 meters diamond drilling 12138

LOGISTICS

Vehicle fuel and maintenance 307

FILING FEES 800

SUBTOTAL 14701

Administration Fee (15%) 2205

GST on administration (#126616507) 154

TOTAL \$17060

APPENDIX II

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Philip James Southam of 19021 - 117A Avenue, Pitt Meadows, British Columbia, do hereby certify:

1. I am a geologist registered with the Association of Professional Engineers and Geoscientists of British Columbia.
2. I graduated from Brandon University in 1987 with a Bachelor of Science degree majoring in geology.
3. I have practised my profession continuously since graduation in British Columbia, Manitoba, Yukon Territory and California in the field of mineral exploration.
4. I am employed by Hastings Management Corp. to provide geological services for Klondike Gold Corp. and Abitibi Mining Corp.
5. I have reviewed all pertinent data from the work conducted on this property.



Philip Southam, P. Geo.

APPENDIX III

DRILL LOGS

YAHK - COOL VENT DIAMOND DRILLING 2001

DDH-01-01

(-50° , Az 250)

0 - 2.1m Overburden

2.1 - 8.5m Argillaceous Siltstone (with fine biotite disseminations,
-dark grey to light grey, thin bedded.3.5-3.7m Possible Marker (Fringe??), given to P.Klewchuk (Jul,2001) for identification.
6.7m core angle = 60° (bedding)

5.5 - 5.8m rare fragments (md to 3cm)

8.5 - 19.5m Quartzite strongly biotized argillaceous quartzite
locally very sericitic

11.3m core angle=65° (bedding)

14.3m fracture (0.5cm) has Py, Po

17.4m fracture has 0.5° core angle

15.8m core angle bedding = 65°

19.5 - 26.8m Quartz Arenite , thick bedded to massive quartz arenite with fluidized sediments, biotite and rare clasts

26.8 - 32.6m Argillaceous Quartzite , with thin beds (<10cm), grey, v f grnd, silty tops. Locally cherty

28.2m core angle bedding = 70° -argillaceous beds fine upwards

32.3m bedding core angle = 65°

31.4 - 31.9m fault (with MnO, Py on fract's)

32.3 - 32.6m carbonate freckling

32.6 - 38.6m Quartz Arenite massive, thick bedded, grey - white

38.6 - EOH Gabbro Green - dark green - black, very fine grained at margins to v c grnd, plumose textured
in middle (Sill). Contact is conformable with bedding (065°). Chill margin to 0.6m.

91.4m End of Hole

YAHK COOL VENTS DIAMOND DRILLING 2001

DDH-01-02

(-70°, az290°)

0 - 2.7m Overburden

2.7 - 3.4m Fragmental Tourmalinized sediments (with light brown schorl tourmalinite), fragments are subrounded, broken, shredded. Tourmalinite fragments within a tan - grey siltstone matrix.

3.4 - 6.4m Quartzite (argillaceous with thin disturbed beds)

6.4 - 21.9m Quartz Arenite (thick bedded with biotite disseminated throughout, grey - purple grey)

7.3m bedding core angle = 45°

11.0m bedding core angle = 35°

17.4m bedding core angle = 45°

21.9 - 22.9m Siltstone (fluidized and biotized sediments frequently disturbed with rare fragments, sericite and albite)

22.9 - EOH Gabbro green - black, with conformable contact (silt), rare epidote, Py and Po

21.6m core angle Layering = 45°

32.6 - 32.9m Quartz Vein with disseminated Po, CPy (true thickness= 0.35m)

40.2m 5cm Quartz Vein with Po, core angle QV=75°

62.8m End of Hole