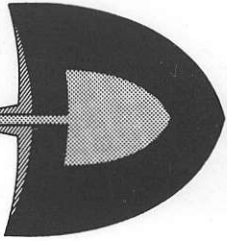


FILE NTS  
GREENWOOD  
BC



# DENTONIA RESOURCES LTD.

823164

PLEASE RESPOND TO MINE OFFICE:  
MINE ADDRESS: P.O. BOX 130, GREENWOOD, B.C. V0H 1J0 — (604) 445-2260 OR 445-6540



February 25, 1987

CORPORATION FALCONBRIDGE COPPER  
Mr. D. Watkins  
6415 - 64th St.,  
Delta, B.C.  
V4K 4E2

Dear Mr. Watkins:

Please find enclosed preliminary information on the Dentonia Mine at Jewel Lake.

If you find this information of interest, I would suggest that you arrange to examine the mine and data in Greenwood. There is a lot of information here and all mine workings are readily available for observation.

Yours truly,  
DENTONIA RESOURCES LTD.

*pm Aulone Esvaloff*

George O.M. Stewart  
Managing Director & President

GOMS/ae

Encl.

**BACKGROUND INFORMATION  
JEWEL MINE  
DENTONIA RESOURCES LTD.  
February, 1987**

Enclosed is detailed background information on the Jewel Mine located at Greenwood, British Columbia, Canada, owned 100% by Dentonia Resources Ltd.

We have had this mine in limited production for test purposes several times during the last few years and it has a long past production history. At present the mine could be put back into production with blocked out reserves of 15,000 tons proven, 50,000 inferred and in excess of 250,000 possible. The average grade of the ore is 0.30 oz./ton gold and 3 oz./ton silver. Additional ore reserves are expected on other identified untested adjoining structures.

Dentonia Resources Ltd. has expended in excess of \$2,500,000 on the development of the Jewel Mine. We are proposing that a new partner can earn a 51% Participating Interest in the property by spending an equal amount (\$2,500,000) on exploration and development. A firm committment of \$300,000 in 1987 is required with further expenditures at your option. On completion of the \$2,500,000 Dentonia will have the option of participating as to 49% of further expenditures to retain its 49% participating interest or to elect to convert its right to participate into a carried 25% Net Profits Interest or 3% Net Smelter Return interest whichever is greater.

**TERMS**

No cash payments - only work committments to earn interest in property.

\$300,000.00	Firm 1987 Work Committment
500,000.00	Optional 1988 Work Committment and/or Capital Cost
500,000.00	Optional 1989 Work Committment and/or Capital Cost
1,200,000.00	Optional 1990 Work Committment and/or Capital Cost
<hr/>	
\$2,500,000.00	Total expended on exploration, development and/or production capital cost to earn 51% interest in property.

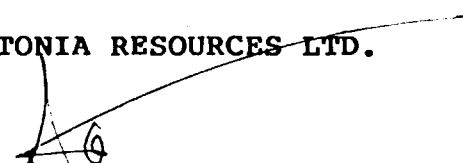
**ALL EXPENDITURES TO BE CUMMULATIVE - EXCESS FUNDS SPENT IN ANY YEAR WILL BE CREDITED TO FURTHER WORK COMMITMENTS - ALL DOLLAR AMOUNTS IN CANADIAN FUNDS.**

We are flexible and can modify these terms to meet your individual needs and considerations.

Please contact me at (604) 445-6540 should you have a serious interest in this matter. Thank you.

Sincerely yours,

**DENTONIA RESOURCES LTD.**

  
George O.M. Stewart

Dentonia Resources Ltd.

PROPERTY/CLAIM DESCRIPTION:

- 1) Located ten km. off Highway #3 on a government maintained road. The minesite is N.E. of the City of Greenwood 500 km. east of Vancouver.
- 2) Nine crown granted mineral claims 100% fully owned and Six located (32 units) claims covering approximately 3,400 acres.
- 3) Free Use Forestry cutting permit for mining use.
- 4) Electric power with substation on site. Sufficient power and switch gear to supply future mill.
- 5) Site for mill available - good water supply.
- 6) First aid trailer, dry, shop and compressor building available for use.
- 7) Surface rights controlled by company.
- 8) Greenwood and district is pro-mining, no environmental problems.
- 9) Custom mill located nine miles away and Trail Smelter is two hours drive from the minesite.

STRUCTURE & GEOLOGY

- 1) Ores are clean milling - silica ore can be direct shipped to Trail smelter. Recoveries exceed 90% in bulk flotation. No penalty elements.
- 2) 535 foot vertical two compartment shaft. Collared in 1973 to 290 feet then completed in 1981. There is over 1500 FEET of drift and crosscut development on five working levels complete with rail, pipe and air fans.
- 3) Single drum hoist complete with electrics, switches, and cage - twenty tons/hour can be hoisted. Capacity could be doubled by increasing hoistmotor to 75 H.P. The 50' wooden headframe is fully approved by the B.C. Department of Mines.
- 4) Two air operated chutes are on the 510' level, one on each side of the shaft, with a bypass chute on the 475 level. Presently hoisting cars - can be upgraded to loading pocket and muck skip.
- 5) Has a second exit as required by B.C. Department of Mines.
- 6) A 600 CFM and 170 CFM electric compressor in a large metal clad building.
- 7) Mine pump on automatic and all levels maintained ready for immediate startup.

GEOLOGY AND MINERALIZATION:

- 1) A quartz vein over one mile in length cuts a granodiorite greenstone contact. This vein is one of the strongest in the province. The quartz vein varies in dip from 39 to 65 degrees and where mineralized, averages 40 degree dip to the east. The width of the vein varies from one foot to 20 feet with an average of 4 feet in the ore shoots.
- 2) The ore shoots are 100 feet to 400 feet in length, rake very shallowly to the north and appear to have good vertical continuity. The shallow rake was discovered in 1985 and has very exciting exploration possibilities.
- 3) The mineralogy is gold silver tellurides with some free gold, galena, chalcopyrite and pyrite in quartz. The amount of barite is increasing with depth and appears to be a good indicator of ore. The ore is amenable to good recovery by flotation and gravity.

ORE & GRADE AND PROPERTY HISTORY

150,000 tons of 0.3 oz.per ton gold, 3 oz.per ton silver were mined between 1898 and 1946. This was mined from the vein to the north of the Dentonia Mine and all above an elevation equivalent to the Dentonia 250' level.

Nearly 10,000 tons of historic grade were mined from the Dentonia Mine between 1974 and 1985.

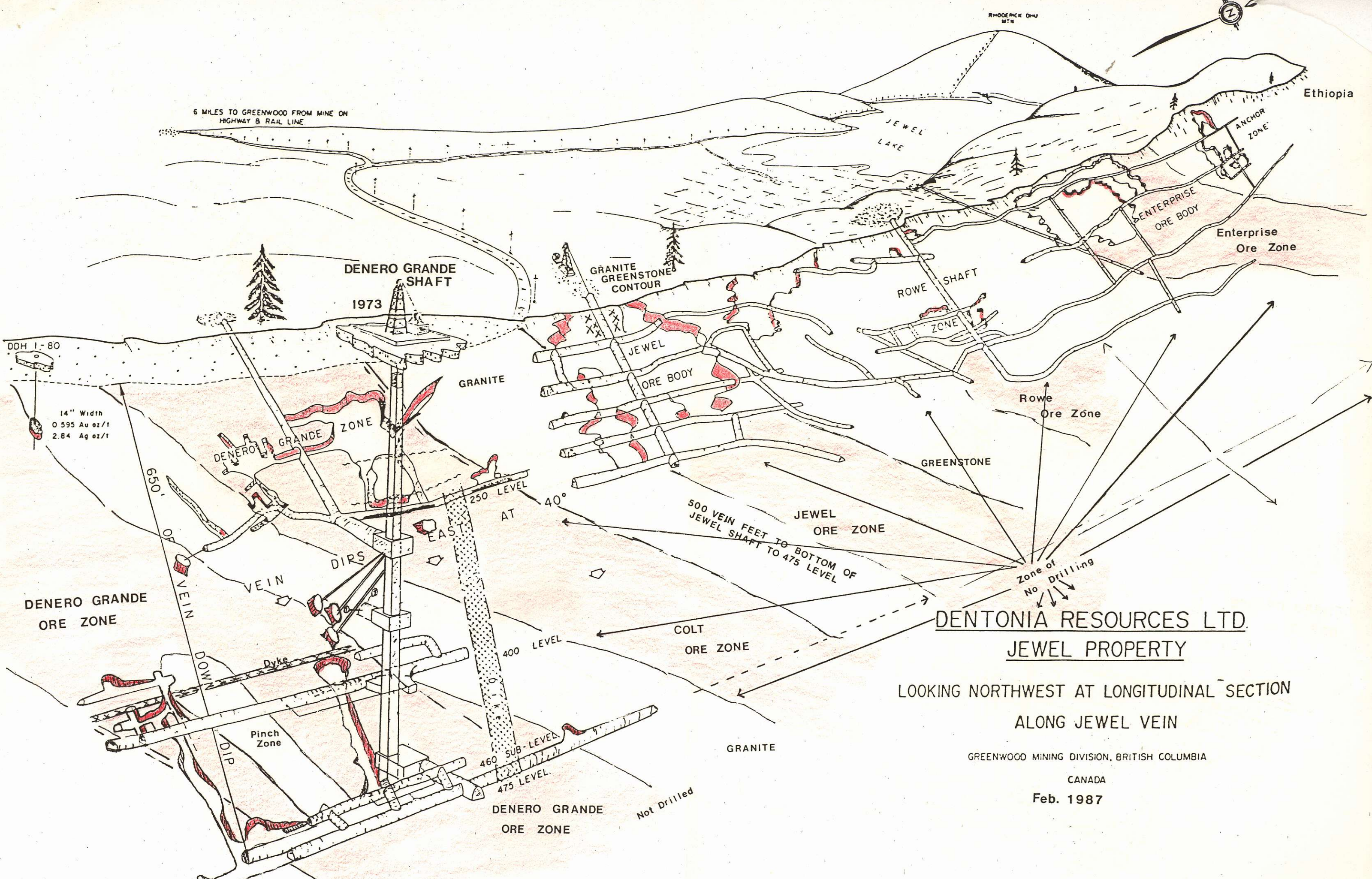
10,000 tons of 0.3 oz.per ton gold are left in the Enterprise Mine (Dolmage 1946) and between 20,000 tons and 50,000 tons are indicated by drilling and mining in the Dentonia Mine of similiar or slightly better grade.

The gold and silver grades are improving with depth. The area above the 475' level and below the old mines could be developed to prove up 150,000 to 250,000 tons of ore from the single Jewel Vein.

No drilling below the old mines or for parallel veins has ever been done. Their presence is known and a second or third set of veins would greatly enhance the ore potential. Adjoining claims host several mineable veins that could be acquired.

The flotation concentrate from milled development muck averaged 10 oz./ton gold from a 0.25 oz./ton mill feed. Testing by gravity methods in 1986 showed that a 15 oz./ton gold concentrate can be obtained by the use of Reichart Spiral and shaker tables. The pyrite can also be discarded thereby eliminating a penalty from the smelter.

A simple bulk concentrating mill can readily treat Dentonia Mine ores with 90%+ recovery and the ores contain no deleterious elements so concentrate can be sold to any smelter or refiner.



DDH 1-80

14" Width  
0.595 Au oz/t  
2.84 Ag oz/t

6 MILES TO GREENWOOD FROM MINE ON  
HIGHWAY & RAIL LINE

DENERO GRANDE  
SHAFT

1973

GRANITE  
GREENSTONE  
CONTOUR

ROWE SHAFT

DENTERPRISE  
ORE BODY

Enterprise  
Ore Zone

DENERO GRANDE  
ZONE

JEWEL  
ORE BODY

GREENSTONE

Rowe  
Ore Zone

JEWEL  
ORE ZONE

500 VEIN FEET TO BOTTOM OF  
JEWEL SHAFT TO 475 LEVEL

Zone of  
No Drilling

DENERO GRANDE  
ORE ZONE

650'  
OF VEIN  
DOWN

VEIN

DIRS

250 LEVEL

AT 40°

EAST

COLT  
ORE ZONE

400 LEVEL

DENTONIA RESOURCES LTD.  
JEWEL PROPERTY

LOOKING NORTHWEST AT LONGITUDINAL SECTION  
ALONG JEWEL VEIN

GREENWOOD MINING DIVISION, BRITISH COLUMBIA

CANADA

Feb. 1987

DENERO GRANDE  
ORE ZONE

Not Drilled

460 SUB-LEVEL

475 LEVEL

GRANITE

Ethiopia

ANCHOR  
ZONE

RHOODECK DMU  
MTR

JEWEL  
LAKE



# DENTONIA RESOURCES LTD.

## VERTICAL PROJECTION ORE ZONES IN JEWEL VEIN GREENWOOD, BRITISH COLUMBIA

