

NAME OF PROPERTY  
NOM DE LA PROPRIÉTÉ SAMATOSUM(REA SILVER ZONE)(AR)(MF)

OBJECT LOCATED  
OBJET LOCALISÉ

UNCERTAINTY 500 m  
FACTEUR D'INCERTITUDE

Lat. 51°09'30" Long. 119°49'

Mining Division  
Division minière Kamloops

District  
District

County  
Comté

Township or Parish  
Canton ou paroisse

Lot  
Lot

Concession or Range  
Concession ou rang

Sec  
Sect.

Tp.  
Ct.

R.  
R.

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

Rocks in the vicinity of the Silver Zone include mafic volcanics, greywackes and sandstone of the Devono-Mississippian Eagle Bay Formation. Disseminated and massive sulphide mineralization, with an average width of 2.7 m, lies along the contact between chert and tuffaceous sediments within the Eagle Bay Formation.

Associated minerals or products  
Minéraux ou produits associés

Gold, zinc, lead, copper

HISTORY OF EXPLORATION AND DEVELOPMENT  
HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR

The showings are located at approximately 3800 feet elevation on the east side of Johnson Creek, 9 km north-north-west of Skwaam Bay, Adams Lake and 65 km north-northeast of Kamloops. The Rea Gold discovery zone lines about 1.2 km to the south (see 82M/4, Au 1).

Showings in this vicinity were held in 1970 as the MF 1-6 and K 41-46 claims by Barriere Explorations Ltd.; work included 105 feet of diamond drilling in 1 hole.

Some 2900 acres in the AR and HN groups were staked over this area in 1983 by J.A. Hilton and R. Nicholl following the discovery of the Rea Gold zone. The claims were subsequently optioned to Rea Gold Corporation who in turn optioned a 70% joint venture interest to Corporation Falconbridge Copper (CFC). Work over the larger property by CFC in 1984-85, included geochemical and horizontal loop electromagnetic surveys, trenching and drilling. Drilling of a geophysical anomaly led to the discovery of the new "Silver Zone" in late 1985.

Diamond drilling in 1986-87 indicated a reserve of 661 000 tons grading 32.1 oz/t Ag, 0.052 oz/t Au, 3.5% Zn, 1.7% Pb and 1.2% Cu (Northern Miner, March 7, 1988, p. B 13).

The company name (Corporation Falconbridge) was changed in 1987 to Minnova Inc. Joint venture participation is Minnova (70%) and Rea (30%). In addition Rea purchased a 5% net smelter royalty from J.A. Hilton.

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Geology, Exploration and Mining; British Columbia Dept. of Mines: 1970, p. 316.

Exploration in British Columbia; BCDM: 1986, pp. A 62, B 7, C 112, C 113.

George Cross News Letters: 1985, No. 41, 99, 250; 1986, No. 102, 135, 172; 1987, No. 76, 93, 102, 108, 116, 133, 184, 226, 242; 1988, No. 33, 78.

Mineral Policy Sector; Corporation Files: "Minnova Inc."; "Rea Gold Corporation".

## MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 48-1963, Adams Lake, (Geol.), Sc. 1": 24 miles, Geol. Surv. of Canada.

Geology of Adams Plateau-Clearwater Area, Preliminary Map 56, BCDM.

Silver zone, (Geol. and drilling), George Cross News Letter 28/05/86.

Map 82 M/4, Adams Plateau, (Topo.), Sc. 1: 50 000.

Adams Lake Property, Mineralized zones, Sc. 3.3 cm: 1 km, Rea Gold Corp., 1986.

## REMARKS/REMARQUES

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| Date<br>Date                    | 05-88 |  |  |  |  |  |  |