

PRODUCT SILVER
PRODUIT

PROVINCE OR TERRITORY PROVINCE OU TERRITOIRE British Columbia

N.T.S. AREA 104 0/16
RÉGION DU S.N.R.C.

REF. AG 4
RÉF.

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

MIDWAY

OBJECT LOCATED - Silver Creek zone.
OBJET LOCALISÉ

UNCERTAINTY 500 m
FACTEUR D'INCERTITUDE

Lat. 59°55'30"
Lat.

Long. 130°20'30"
Long.

Mining Division Liard
Division minière

District
District

Cassiar

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

The mineralization is located at or near an unconformity between mid to late Devonian McDame Group limestone and overlying shale of the Sylvester Group. In the Discovery area massive stratabound pyrite, sphalerite, galena mineralization occurs at three strata levels, designated the Discovery, Upper and Lower zones. The Upper and Discovery zones are two separate lower grade shale-hosted horizons. The Lower zone occurs at the top of the McDame limestones. The limestone is characterized by collapse breccias and solution features indicative of a Mississippi Valley type of depositional environment. Underground work on the Silver Creek zone indicates the principal mineralization at Midway is located within a Karst environment in the McDame limestone with the openings in the cave system usually filled by massive sulphide mineralization. Other areas adjacent to the cave system contain remnants of limestone and shale along with sulphide mineralization but tend to be much lower grade than the openings filled with massive sulphides.

Associated minerals or products ↗ Zinc, lead,
Minéraux ou produits associés

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

The Midway property is located at 1 200 m elevation on the east side of the Tootsee River some 8 km south of the Yukon border and 90 km west-southwest of Watson Lake. Access is from mile 701 Alaska Highway.

In 1980 anomalous lead, zinc, silver and barium concentrations were obtained in detailed stream sediment sampling conducted by Cordilleran Engineering on behalf of Regional Resources Ltd. Prospecting led to the discovery of stratiform barite and the recognition of an environment similar to other shale hosted deposits. Staking totalled 240 claims in the Yukon and 881 claim units in British Columbia.

In January 1981 Regional optioned a 49% interest to Amax Minerals. Amax sub optioned a 50% interest to Procan Exploration Company, an exploration-mining vehicle owned by the Hunt brothers of Houston Texas; Procan Exploration (British Columbia) Limited was incorporated in British Columbia in June 1982. The 1981 exploration program included an airborne electromagnetic-magnetometer survey, a geochemical soil survey, trenching, and diamond drilling in 6 holes (2,800') on the Discovery zone. Work by Regional in 1982-84 included 27 874 m of diamond drilling in 97 holes. Wide-spaced wildcat drilling in 1982 located the Silver Creek zone some 300 m southwest of the Discovery zone, and tested the Silvertip showings (104 0/16, AG 2). Geological reserves were estimated as follows:

Zone	Tons	AG (oz/t)	PB (%)	ZN (%)
Discovery	3,813,307	10.84	5.40	13.34
Silver Creek	2,847,920	13.04	8.45	9.98
	6,661,227	11.78	6.70	11.90

(Regional Res L. News Release 28/11/84)

By the end of 1983 the property was owned by Regional (51%), and the remaining 49% split equally between Canamax Resources Inc (incorporated Dec. 1982 to acquire the Amax interest) and Procan Exploration. Work in 1984-85 was financed by Nanisivik Mines Ltd through share purchases, thereby acquiring a 22% interest in Regional Resources and the right to manage further development.

A decline adit begun on the Silver Creek zone in October 1983 was completed to a length of more than 1 500 m in April

p.t.o.

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

1985. Underground diamond drilling (12 400 m) to determine the geometry of the zone indicated the principal mineralization is located within a cave system. Assuming a similar environment for the Discovery Lower zone, geological reserves were revised as follows:

Area	Tonnes	AG g/mt	PB (%)	ZN (%)
Silver Creek	570 000	490	9.5	10.8
Discovery	615 000	330	4.7	8.5
Total	1 185 000	410	7.0	9.6

(Regional Resources 1985 Annual Report).

In 1986, there were done soil, pulse electromagnetic, magnetic surveys and reverse circulation drilling and diamond drilling. In 1989, Regional purchased the 24.5% interest held by Canamax bringing its interest to 75.5%, with Procan having the rest.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 18-1968, Jennings River, (Geol.), Sc. 1:250,000 - accomp. Paper 68-55, Geol. Surv. of Canada.

#General geology in the vicinity of the Midway deposit, Fig. 51, Geological Fieldwork 1982, p. 156.

Silver Creek zone - composite plan, Regional Resources 1985 Annual Report.

#Midway Diamond Drill plan, George Cross News Letter, 14/12/84.

*Map 104 0/16, (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR	JL					
Date Date	09-86	10-90					

REFERENCES/BIBLIOGRAPHIE

++Stollery, J.W. and Sellmer, W.H.; Midway, an analysis of a new massive sulphide discovery; Canadian Mining Journal, April 1982, pp. 66-71.

Mineral Policy Sector; Corporation Files: "Regional Resources Ltd."; "Amax of Canada Limited"; "Procan Exploration (British Columbia) Limited"; "Canamax Resources Inc."

Gabrielse, H.; Geology of Jennings River Map-Area, British Columbia (104-0); Geol. Surv. Can. Paper 68-55, 1969.

Geological Fieldwork; British Columbia Dept. of Mines: 1981, pp. 162-166⁺; 1982, pp. 156-159.

Exploration in British Columbia; BCDM: 1982, p. 408; 1983, p. 556; 1984, p. 408.

The Long Road to Midway; Canadian Mining Journal, April 1985, pp. 21-27.

George Cross News Letters: 1982, No. 146, 226; 1983, No. 60, 144, 182, 225; 1984, p. 149.