

MAIN PRODUCT: SILVER PRINC. PROD.: (MAJOR COMMODITY IN AN UNEXPL. DEPOS.)		PROV. OR TERR.: BRITISH COLUMBIA PROV. OU TERR.:	N.T.S. AREA: Prop./Prop. 104A/04 S.N.R.C : Depos./Gîte 104A/04	REF.: AG 018 RÉF.:	MINSYS NO: 510227- 0 NO MINSYS:
NAME OF DEPOSIT: INDEPENDENCE, NOM DU GÎTE :		INDEPENDENT		Age of Host Rocks/Âge des roches hôtes: JURASSIC	
Object located: Objet localisé:		Uncertainty : Facteur d'incertitude:	(meters/mètres)	Geological province/Province géologique: CORDILLERAN OREGEN	
Latitude/Latitude: 56°05'10		Longitude/Longitude: 129°55'00		HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR	
UTM zone/Région UTM: UTM North./UTM Nord:		UTM East./UTM Est:		Work on deposit : Travail sur le gîte: GEOPHYSICAL, GEOCHEMICAL, DRILLING	
Mining division/Division minière: SKEENA District/District: CASSIAR				Workings Type : Type d'exploit.:	
OWNER OR OPERATOR / PROPRIÉTAIRE OU EXPLOITANT Name: REMINGTON CREEK RESOURCES INC. Nom :		Year of information : 1990 Année de l'information:		Workings Size : Dimension de l'exploit.:	
Type: OWNER Type:				----- This property is located at the 3,000 foot elevation on the west side of the Bear River, north of the headwaters of Fitzgerald Creek, about 10 miles north-northeast of Stewart. Prior to 1923, the property went under the name "Independent". The Independent and Independent Nos. 1-5 claims were owned by the Fitzgerald Bros. of Stewart, from about 1919. The Algonican Development Company, Limited held an option on the property in 1920 and 508 feet of diamond drilling was done in two holes. Only one vein intersection was obtained and the values were discouraging. The owners began driving an exploration adit in 1921. Independence Gold Mining Company, Limited was formed in January 1924 to continue the exploration work, under the direction of J. Fitzgerald. In 1926, a controlling interest in the company was acquired by the Revenue Mining Company, Limited. About 3,000 feet of diamond drilling was done on the main vein in 1928; the results of this work are not know. Two exploration adits, each about 700 feet long, were driven on the main vein, one at elevation 2,950 feet and the other at elevation 2,760 feet. The upper adit follows quartz stringers from 75 feet. It encounters a wider part of the vein at 85 feet from the portal and follows it for 100 feet. At 275 feet from the portal it enters another large vein expansion which it follows to the face a distance of 210 feet. The better grade material is found in the wider parts of the vein. A long crosscut was driven northeastward from this adit but did not encounter any other veins. Work on the property ceased in 1928. The second adit, at an elevation of 2,760 feet, was begun n 1928 in spite of poor diamond drill results in the upper adit. From 1979 to 1985, the area was explored by Tournigan Mining Exploration Ltd. In 1986, Moche Resources Inc. optioned the occurrence and carried out VLF-EM, magnetometer, soil geochemical, reconnaissance silt geochemical, and geological surveys. In 1990, Armeno Resources Inc. optioned the occurrence from Remington Creek Resources Inc. and subsequently Armenex Resources Canada Inc. acquired an option to earn 30% interest. In mid-1990, there were diamond drilled 6 holes for 2,507 feet. There are a possible 196,041 tons of 7 to 10 ounces per ton Ag in the Vein #1. (Armenex Resources Canada Inc. Statement of Material Facts # 117/90).	
DESCRIPTION OF DEPOSIT / DESCRIPTION DU GISEMENT		Host Rocks/Roches hôtes			
Type/Type		INTRUSIVES AND VOLCANICS			
VEINS/FAULTS/SHEARS/REPLACEMENTS					
----- The showings are located in a zone of closely spaced quartz diorite dykes that invade volcanic rocks of the Hazelton group and strike northwest across Bear River Ridge. The main vein is at least 700 feet long and varies in width between 2 and 25 feet, expanding and contracting greatly within short distances. Sections of the vein appear to have been offset by faulting. The vein strikes N65°W, parallel to the zone of dykes, and dips 70° southwest. Three or more parallel veins, 2 to 6 feet wide, outcrop a few hundred feet north of the main vein. The narrower veins lie mostly along contacts between dykes and volcanic rocks. The veins contain sparsely disseminated galena, sphalerite, and pyrite in a gangue of quartz, barite, jasper, and calcite. The chief value is in gold and silver. The upper tunnel at the face shows about 18 feet of mineralization. A chip					
Discovery : Year 1919 Découverte: Année		Uncertainty: EXACT Incertitude:		Method : UNCERTAIN/UNKNOWN Méthode:	
Associated minerals or products and status/Minéraux ou produits associés et statut					
AU ZN PB 8 8 8					
Source/Source: / / -REGULAR Printed/imprimée le: 3 May/Mai 1991				© Mineral Policy Sector, Department of Energy, Mines and Resources, Ottawa, Canada © Secteur de la politique minière, Énergie, Mines et Ressources, Ottawa, Canada	

HISTORY OF PRODUCTION / HISTORIQUE DE LA PRODUCTION

First Year : Last year :
 Première année: Dernière année:

REFERENCES / BIBLIOGRAPHIE

Hanson, George; Portland Canal Area, British Columbia; Memoir 175, pp. 121-123, Geol. Surv. of Canada, 1935.

Reports of Minister of Mines, British Columbia: 1919, p. 65; 1920, p. 58; 1921, p. 66; 1922, p. 71; 1923, p. 76; 1924, p. 70; 1925, p. 98; 1926, p. 94; 1927, p. 392; 1928, p. 106; 1929, p. 98.

Mineral Policy Sector; Corporation Files: "Independence Gold Mining Company, Limited"; "Revenue Mining Company, Limited"; "Algunican Development Company, Limited"; "Tournigan Mining Explorations Ltd."; "Moche Resources Inc."; "Armenex Resources Canada Inc.".

Grove, Edward W.; Geology and Mineral Deposits of the Stewart Area; Bulletin No. 58, p. 132, British Columbia Dept. of Mines, 1971.

MAP REFERENCES / RÉFÉRENCES CARTOGRAPHIQUES

Map 216 A, Bear River Sheet, B.C., (Geol.), Sc. 1": 1 mile - accomp. Memoir 159.

Geological Map of the Stewart Area, Sc. 1": ½ mile, Fig. 3, Sheet B - Accomp. Bulletin No. 58.

Map 217 A, Bear River Sheet, B.C., (Topo.), Sc. 1: 50,000.

REMARKS / REMARQUES

PROVINCIAL LINK: BCI 104A-38

Last rev./Dernières m-à-j:	2414191	11	11	11
By/Par:	YJL			

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NAME OF DEPOSIT: INDEPENDENCE, NOM DU GITE : INDEPENDENT				
DESCRIPTION OF DEPOSIT (continued) / DESCRIPTION DU GISEMENT (suite) sample over 15 feet assayed: Gold, trace; silver, 1.8 ounces a ton; lead, trace; zinc 3.8%.				

PRODUCT SILVER
PRODUIT

PROVINCE OR PROVINCE OU
TERRITORY TERRITOIRE

British Columbia

N.T.S. AREA 104 A/4
RÉGION DU S.N.R.C.

REF. AG 18
RÉF.

NAME OF PROPERTY INDEPENDENCE (INDEPENDENT)
NOM DE LA PROPRIÉTÉ

OBJECT LOCATED
OBJET LOCALISÉ

UNCERTAINTY
FACTEUR D'INCERTITUDE

Mining Division Skeena
Division minière

County
Comté

Lot
Lot

Sec
Sect.

Tp.
Ct.

Lat. 56°05'10"

Lat.

Township or Parish
Canton ou paroisse

Concession or Range
Concession ou rang

District
District

Long. 129°55'

Long.

Cassiar

OWNER OR OPERATOR/PROPRIÉTAIRE OU EXPLOITANT

DESCRIPTION OF DEPOSIT/DESCRIPTION DU GISEMENT

The showings are located in a zone of closely spaced quartz diorite dykes that invade volcanic rocks of the Hazelton group and strike northwest across Bear River Ridge. The main vein is at least 700 feet long and varies in width between 2 and 25 feet, expanding and contracting greatly within short distances. Sections of the vein appear to have been offset by faulting. The vein strikes N65°W, parallel to the zone of dykes, and dips 70° southwest. Three or more parallel veins, 2 to 6 feet wide, outcrop a few hundred feet north of the main vein. The narrower veins lie mostly along contacts between dykes and volcanic rocks. The veins contain sparsely disseminated galena, sphalerite, and pyrite in a gangue of quartz, barite, jasper, and calcite. The chief value is in gold and silver.

The upper tunnel at the face shows about 18 feet of mineralization. A chip sample over 15 feet assayed: Gold, trace; silver, 1.8 ounces a ton; lead, trace; zinc, 3.8%.

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

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1923, p. 76; 1924, p. 70; 1925, p. 98; 1926, p. 94;
1927, p. 392; 1928, p. 106; 1929, p. 98.

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Stewart Area; Bulletin No. 58, p. 132, British Columbia
Dept. of Mines, 1971.

MAP REFERENCES/RÉFÉRENCES CARTOGRAPHIQUES

Map 216 A, Bear River Sheet, B.C., (Geol.), Sc. 1":1 mile -
accomp. Memoir 159.

Geological Map of the Stewart Area, Sc. 1": $\frac{1}{2}$ mile, Fig. 3,
Sheet B - accomp. Bulletin No. 58.

Map 217 A, Bear River Sheet, B.C., (Topo.), Sc. 1:50,000.

REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par							
Date Date	06-67	10-74					