

MAIN PRODUCT: GOLD PRINC. PROD.: (WAS RECOVERED - RESOURCES REMAIN)		PROV. OR TERR.: BRITISH COLUMBIA PROV. OU TERR.:	N.T.S. AREA: Prop./Prop. 94E/07 S.N.R.C : Depos./Gite 94E/07	REF.: AU 001 RÉF.:	MINSYS NO: 120508- 0 NO MINSYS:
NAME OF DEPOSIT: SHAS SHA NOM DU GITE :			Age of Host Rocks/Âge des roches hôtes: LOWER JURASSIC		
Object located: Centre of Sha group Uncertainty : 500 (meters/mètres) Objet localisé: Facteur d'incertitude:			Geological province/Province géologique: CORDILLERAN OREGEN		
Latitude/Latitudo: 57°15'10 Longitude/Longitudo: 126°59'40 UTM zone/Région UTM: UTM North./UTM Nord: 6347093 UTM East./UTM Est: 621000 District/District: CASSIAR Mining division/Division minière: OMINECA			HISTORY OF EXPLORATION AND DEVELOPMENT HISTORIQUE DE L'EXPLORATION ET DE LA MISE EN VALEUR		
OWNER OR OPERATOR / PROPRIÉTAIRE OU EXPLOITANT Name: INTERNAT SHASTA RES L Nom :			Work on deposit : GEOPHYSICAL, GEOCHEMICAL, DRILLING Travail sur le gite:		
Type: OWNER Year of information : 1984 Type: Année de l'information:			Workings Type : UNDERGROUND AND OPEN PIT Workings Size : SMALL Type d'exploit.: Dimension de l'exploit.:		
DESCRIPTION OF DEPOSIT / DESCRIPTION DU GISEMENT Type/Type Host Rocks/Roches hôtes VEINS/FAULTS/SHEARS/REPLACEMENTS MAFIC VOLCANICS ----- The underlying rocks are Lower Jurassic Toodoggone volcanics including porphyritic andesite flows and tuffs. Gold-silver bearing quartz vein stockworks occur within a 1,000 by 1,600-metre area of altered tuffs. Native silver and argentite have been reported. Chalcopyrite and bornite occur locally. ----- Discovery : Year 1972 Uncertainty: CIRCA Method : UNCERTAIN/UNKNOWN Découverte: Année Incertitude: Méthode: Associated minerals or products and status/Minéraux ou produits associés et statut AG CU 3 5			The property is located at about 1,300 metre elevation 2 km northwest of Black Lake, in the Toodoggone River area some 270 km north of Smithers. The Shas 1-176 claims were staked in July 1972 for Shasta Mines & Oil Ltd. Exploration work in 1973-74 included geological mapping, a magnetometer survey over 31.5 line-miles and a geochemical soil survey of about 2,100 samples. The company name was changed in February 1975 to International Shasta Resources Ltd. By that date the property had been reduced to 6 claims, Shas 31, 33, 35-38. Two adjacent claims, the Sha 1 (6 units) and Sha 2 (2 units) were acquired in July 1975. Work in 1975 and 1977 included further geological and geochemical surveys, trenching and sampling. Asarco Exploration Company of Canada, Limited held an option for a brief period in 1978 and carried out geological mapping and trenching. Newmont Exploration of Canada Limited in 1983 acquired from International Shasta an option to earn a 70% interest in the property. Work in addition to geophysical and geochemical surveys and trenching included 674 metres of diamond drilling in 9 holes on the Main zone and the newly discovered Creek zone in 1983 and 2,003 metres of drilling on the Creek zone in 1984. Geologic reserves were estimated at several million tons grading 0.072 oz/t gold equivalent or 550,000 tons grading 0.154 oz/t gold equivalent (Northern Miner, July 18, 1985, p. 2). Newmont vended its interest in the property to Arctic Red Resources Corp in 1985 but they forfeited it in 1986. In 1987, International Shasta and Esso Minerals Canada made a joint venture agreement and did geological mapping, soil geochemical and geophysical surveys, 2,400 metres of trenching and diamond drilling of 7,815 feet. In 1989, Esso Minerals diamond drilled 12,000 feet. Homestake Mineral Development Company acquired Esso's interest and in 1989 diamond drilled 64 holes for 5,985 metres. Open pit mining of high grade ore was started in the Creek and JM zones. In 1990, underground mining was done on the JM zone which has been developed over a length of 750 feet with widths up to 40 feet. The ore averaged 0.3 ounce per ton Au and 15 ounces per ton Ag. The ore was processed at Sable Resources Ltd. mill.		
Source/Source: / / -REGULAR Printed/imprimée le: 14 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 : 1989 Last year : 1990
 Première année: 1989 Dernière année: 1990

REFERENCES / BIBLIOGRAPHIE

Geology Exploration and Mining; British Columbia Dept. of Mines: 1973, p. 457; 1974, p. 311; 1975, p. E 164; 1978, p. E 245.

Geological Fieldwork; British Columbia Dept. of Mines: 1978, p. 103; 1983, p. 134.

Lisle, T.E.; Report on the Shas-Sha Mineral Claims, 22/01/81, in International Shasta Resources Ltd Statement of Material Facts, June 18, 1981.

George Cross News Letters: 202 (83); 21/10/83; 25/10/83; 4/07/85.

Mineral Policy Sector; Corporation Files: "Arctic Red Resources Corp."; "International Shasta Resources Ltd."; "Sable Resources Ltd.".

Thiersch, P. and Willimas-Jones, A.E.; Paragenesis and Ore Controls of the Shasta Ag-Au Deposit Toodoggone River Area, British Columbia Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork 1989, Paper 1990-1, pp. 315-321, 1990.

MAP REFERENCES / RÉFÉRENCES CARTOGRAPHIQUES

Geology between Toodoggone and Sturdee Rivers, Sc. 0.8 cm: 1 km, Fig. 45, Geological Fieldwork, 1982, p. 142, B.C. Dept. of Mines.

#Claim map, Shas-Sha claims, Fig. 2, accomp. Report by Lisle.

*Map 94 E/7, Mount Katharine, (Topo.), Sc. 1: 50,000.

Map 94 E/3, Sturdee River, (Topo.), Sc. 1: 50,000.

REMARKS / REMARQUES

PROVINCIAL LINK: BCI 94E-50

Last rev./Dernières m-à-j:
 By/Par:

/ /

05/13/1991
 YJL

NAME OF PROPERTY
NOM DE LA PROPRIÉTÉ

SHAS, SHA

OBJECT LOCATED - Centre of Shas group of 6 claims.
OBJET LOCALISÉ

UNCERTAINTY 500 m
FACTEUR D'INCERTITUDE

Lat.	57°15'10"	Long.	126°59'40"
Lat.		Long.	

Mining Division Division minière	Omineca	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 underlying rocks are Lower Jurassic Toodoggone volcanics including porphyritic andesite flows and tuffs. Gold-silver bearing quartz vein stockworks occur within a 1 000 by 1 600-metre area of altered tuffs. Native silver and argentite have been reported. Chalcopyrite and bornite occur locally.

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

The property is located at about 1 300 metre elevation 2 km northeast of Black Lake, in the Toodoggone River area some 270 km north of Smithers.

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Geology, Exploration and Mining; British Columbia Dept. of Mines: 1973, p. 457; 1974, p. 311; 1975, p. E 164; 1978, p. E 245.

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REMARKS/REMARQUES

Comp./Rev. By Comp./rév. par	DMacR						
Date Date	07-85						