

KAZA
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MINFILE / pc
MASTER REPORT
GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

PAGE: 183
REPORT: RGEN0100

MINFILE NUMBER: 093M 111

NATIONAL MINERAL INVENTORY: 093M16 Cu1

NAME(S): KAZA COPPER, FIRE, FLAME,
BLUE, LOG

STATUS: Prospect
NTS MAP: 093M16W
LATITUDE: 55 58 43
LONGITUDE: 126 19 59
ELEVATION: 1180 Metres
LOCATION ACCURACY: Within 500M
COMMENTS: Main showing area (Assessment Report 4477, Figure 3).

MINING DIVISION: Omineca
UTM ZONE: 09
NORTHING: 6206700
EASTING: 666400

COMMODITIES: Copper Gold Silver

MINERALS

SIGNIFICANT: Chalcopyrite	Bornite	Sphalerite	
ASSOCIATED: Pyrite	Magnetite	Quartz	Orthoclase
ALTERATION: Hornblende	Epidote	Garnet	Calcite
ALTERATION TYPE: Skarn			
MINERALIZATION AGE: Unknown			

DEPOSIT

CHARACTER: Vein	Podiform	Massive	Disseminated
CLASSIFICATION: Skarn			
SHAPE: Tabular			

HOST ROCK

DOMINANT HOST ROCK: Volcanic

STRATIGRAPHIC AGE	GROUP	FORMATION	IGNEOUS/METAMORPHIC/OTHER
Lower Jurassic	Hazelton	Telkwa	
Eocene			Kastberg Intrusions

LITHOLOGY: Basalt
Andesite
Flow
Tuff
Breccia
Limestone
Felsic Dyke
Siltstone
Sandstone
Chert Pebble Conglomerate

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane
TERRANE: Stikinia

PHYSIOGRAPHIC AREA: Nechako Plateau

RESERVES

ORE ZONE: SAMPLE

CATEGORY: Assay	YEAR: 1969
SAMPLE TYPE: Drill Core	
COMMODITY	GRADE
Silver	120.0000 Grams per tonne
Gold	14.4000 Grams per tonne
Copper	1.1700 Per cent

COMMENTS: A 1.2-metre intersection.
REFERENCE: Energy, Mines and Resources CORPFILE - Kaza Copper Limited.

CAPSULE GEOLOGY

The Kaza Copper prospect is located 115 kilometres northeast of Hazelton, on a small hill on the east side of Lion Creek, 6 kilometres south of Kaza Lake.

The property is underlain by the Lower Jurassic Telkwa Formation of the Hazelton Group, which consists of basalt and andesite flows, breccias and tuffs and an overlying sedimentary unit consisting of

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*Takla Gp. par?
(Savage Fmn.)*

CAPSULE GEOLOGY

siltstones, sandstones and chert pebble conglomerates. Limestone lenses and pods occur between some of the flows. Steeply-dipping, north-trending felsic dykes of the Eocene Kastberg Intrusions are common in the area of the showings.

The main mineralized showings are north-trending, steeply-dipping linear zones of hornblende-rich skarn, which contain pyrite, chalcopyrite, bornite, sphalerite and magnetite. Sulphide content ranges from 5 per cent to nearly massive sulphides. The two main zones range up to a few metres in width and a hundred metres or more in length. Patchy exposures of an epidote-calcite skarn containing pyrite and chalcopyrite and minor pink garnet are also found. Minor amounts of chalcopyrite and bornite are present in quartz-orthoclase-epidote veinlets and also disseminated in a limestone lens near the main showing.

A chip sample across one of the best exposed parts of the main skarn showing assayed 0.88 per cent copper, 15.43 grams per tonne gold and 12.7 grams per tonne silver across 4.0 metres (Assessment Report 4477, page 7). Drill hole number 9 intersected 1.2 metres assaying 1.17 per cent copper, 14.4 grams per tonne gold and 120.0 grams per tonne silver (Energy, Mines and Resources CORPFILE - Kaza Copper Limited).

BIBLIOGRAPHY

EMPR AR 1967-88, 1968-118
EMPR GEM 1969-108, 1970-177, 1973-261
EMPR ASS RPT 1191, *4477, 8869, 12533, 15247
GSC OF 2322
EMR MP CORPFILE (Kaza Copper Ltd., Dynasty Explorations Ltd.)

DATE CODED: 850724
DATE REVISED: 911202

CODED BY: GSB
REVISED BY: RHM

FIELD CHECK: N
FIELD CHECK: N

DRILLING

<u>Yr.</u>	<u>Holes</u>	<u>Footage (ft.)</u>
1968	6	1,500
1969	5	664
	<u>11</u>	<u>2,164</u>