

TAM 888747

RUN DATE: 07/1 /96
RUN TIME: 09:3 :41

MINFILE / pc
MASTER REPORT

PAGE: 1
REPORT: RGEN0100

GEOLOGICAL SURVEY BRANCH - MINERAL RESOURCES DIVISION
MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

MINFILE NUMBER: 0937 068

NATIONAL MINERAL INVENTORY:

NAME(S): TAM, MINT, ~~MINT SOUTH~~ Ted

STATUS: Showing Showing
NTS MAP: 093P01E 093F02W

MINING DIVISION: Omineca
UTM ZONE: 10
NORTHING: 5876700
EASTING: 365050

LATITUDE: 53 01 29
LONGITUDE: 125 00 43
ELEVATION: 1067 Metres
LOCATION ACCURACY: Within 500M

COMMENTS: Rock sample sites about 5 kilometres west from the west end of Teacha Lake, 130 kilometres south-southwest of Vanderhoof (Assessment Report 23746).

COMMOD. TIES: Gold Silver Zinc Lead

MINERALS

SIGNIF. CANT: Galena Sphalerite
ASSOCIATED: Quartz Pyrite
ALTERATION TYPE: Carbonate Argillic
MINERALIZATION AGE:

Epithermal

DEPOSIT

CHARACTER: Vein Stockwork
CLASSIFICATION: Epigenetic Hydrothermal
TYPE: Polymetallic veins Ag-Pb-Zn
DIMENSION: 8 Metres
COMMENTS: Quartz veins at the Mint showing.

STRIKE/DIP: 030/90 TREND/PLUNGE:

HOST ROCK

DOMINANT HOST ROCK: Volcanic

STRATIGRAPHIC UNIT

Middle Jurassic
Eocene

GROUP

Hazelton

FORMATION

Undefined Formation

IGNEOUS/METAMORPHIC/OTHER

Unnamed/Unknown Informal

LITHOLOGY: Rhyolite tuff
Andesite
Felsite Dike
Felsite Sill

GEOLOGICAL SETTING

TECTONIC BELT: Intermontane
TERRANE: Stikine

PHYSIOGRAPHIC AREA: Nechako Plateau

INVENTORY

ORE ZONE: SHOWING

CATEGORY: Assay/analysis YEAR: 1994
SAMPLE TYPE: Rock

| COMMODITY | GRADE |
|-----------|--------------------------|
| Silver | 483.0000 Grams per tonne |
| Gold | 5.3000 Grams per tonne |
| Lead | 0.7000 Per cent |
| Zinc | 1.3000 Per cent |

COMMENTS: Mint showing.
REFERENCE: Assessment Report 23764.

CAPSULE GEOLOGY

The Tam property is underlain by andesites and rhyolites of the Middle Jurassic Hazelton Group cut by dikes and sills of an Eocene felsite. The rhyolite has been carbonate and argillically altered with development of fine quartz veinlets. Two showings, the Mint and ~~Mint South~~, have been discovered and are about 500 metres apart.

The Mint showing consists of a series of quartz veins up to 8-10 metres wide, in a zone of abundant quartz stockwork at least 100 metres wide. The veins strike mostly 030 to 040 degrees and are essentially vertical. The quartz is white to grey, fine grained, occasionally with fine colloform banding and almost chalcidonic; it contains irregularly distributed wispy patches of grey sulphides, mainly galena and sphalerite with minor pyrite. Rock samples from this showing analysed up to 5.3 grams per tonne gold, 483 grams per tonne silver, 1.3 per cent zinc and 0.7 per cent lead (Assessment Report 23746).

The Mint South showing consists of a 50 metre wide zone of small outcrops and subcrop of altered rhyolite and abundant quartz stockwork including wider veins. One of these is at least 15 metres wide and massive. The quartz is fine grained, white to grey and contains occasional disseminated pyrite and galena; it is sometimes brecciated. The veins are subvertical and trend 150 to 170 degrees.

Ted veins

Ted vein

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CAPSULE GEOLOGY

Rock samples from this showing analysed up to 1.5 grams per tonne gold, 82 grams per tonne silver, 0.1 per cent zinc and 0.3 per cent lead (Assessment Report 2378).

BIBLIOGRAPHY

EMPR OF 1994-2; 1994-9; 1994-10; 1994-18; 1994-19
EMPR ASS RPT #23746, 24215
GSC P 90-1F, pp. 115-120
GSC MEM 324
GSC MAP 1131A; 1424A

DATE CODED: 960614
DATE REVISED: 960729

CODED BY: GO
REVISED BY: TGS

FIELD CHECK: N
FIELD CHECK: Y

[Note: Should be updated after '96 drilling]