

884764

**LADYBUG Zn, Ag, Pb, Cu PROPERTY, SHUSWAP HIGHLANDS**  
**KAMLOOPS MINING DIVISION, NTS 082M/03E, LAT. 51° 05' N., LONG. 119° 06' E.**

May 27/00

The Ladybug Group is located in the Kamloops Mining District, on NTS map sheet 082M/03 at Lat. 51° 05' N., Long. 119° 06' E., UTM 5663000 N 353000 E, near the northwest shore of Shuswap Lake, some 25 km northeast of Chase, B.C. The property consists of 19 claims in 80 units and covers 1,950 hectares. The property is owned 50% by Mr. Leo Lindinger and 50% Mr. David Pipe, both of Kamloops B.C.

The Property has been extensively logged, and can be thoroughly accessed by numerous logging roads originating from the northwest shore of Shuswap Lake. Access to the north shore is via a paved road departing from Squilax on the Trans Canada Highway east of Chase.

The geology of the property appears to be moderately to highly metamorphosed equivalents of the Palaeozoic Eagle Bay, and underlying Proterozoic Silver Creek assemblage, which host numerous Kuroko-Noranda style volcanogenic, carbonate hosted lead-zinc-silver (Broken hill?), and sedimentary exhalative (Sedex) massive sulphide deposits. These are the primary exploration targets on the property.

The documented exploration history is short and dates from 1995.

In the 1970's, a large 1 by 2 meter boulder of what appears to be a cross section through a massive sulphide lens was reportedly discovered in the area by a logging surveyor. Samples of pyritic massive sulphide (100% sulphides) from this boulder returned up to 2.7% zinc, 0.3% lead, and 95 ppb gold.

The property was staked in 1995 by Mr. David Pipe and Norman Stephanishin of Kamloops. They subsequently discovered many copper, zinc, lead silver +/- gold showings. Rock samples returned values ranging up to 2.5% copper, 3% zinc, and 90 g/t silver. Schist hosted mesothermal? quartz veins anomalous in gold have been found.

From 1996 to 1998, outcrops of weathered manganese rich disseminated sphalerite, galena and chalcopyrite bearing calc silicate metasediments were located over a 800 by 500 meter area. **Rock samples taken returned up to up to 4.4% zinc, and >1% manganese, 2.7% lead, up to 2.5% copper and 114 g/t silver. In 1996, a 15 meter long discontinuous chip sample of the newly discovered Stream showing returned 0.9% zinc and 34 g/t silver. In October 1998 the Blackjack showing was better exposed. A 9 meter chip across part of the Blackjack showing returned 1.9% zinc, 1.2% lead, 72 g/t silver and 0.2% copper; including a 0.5 meter interval returning 7.42% zinc, 6.65% lead, 550 ppm silver and 0.9% copper.** Higher grade material is extensively weathered and is difficult to expose and sample. The mineralized horizons are folded skarn like dark green calc-silicate rocks hosting variable amounts (0-10%) each of disseminated and banded sphalerite, galena, pyrite and chalcopyrite. Locally magnetite is common. A distinctive finely laminated chert (hangingwall??) is associated with the mineralized horizons. All samples have high silver-lead ratios for Kootenay arc deposits. Quartz-sericite-pyrite schists and gneisses are present in the "footwall". The mineralization is covered by overburden to the northeast, northwest and possibly to the northeast. Other showings are the Big Mag banded magnetite-pyrite-chalcopyrite and the Russ lead-silver vein showings. In 1998 the Ladybug property attained Minfile status (082M-265).

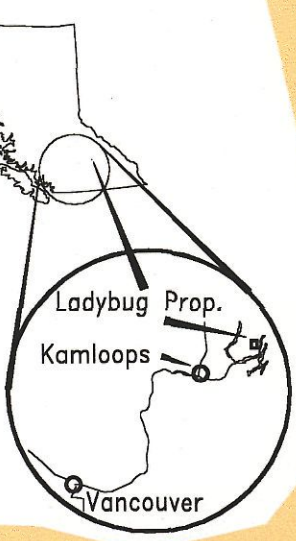
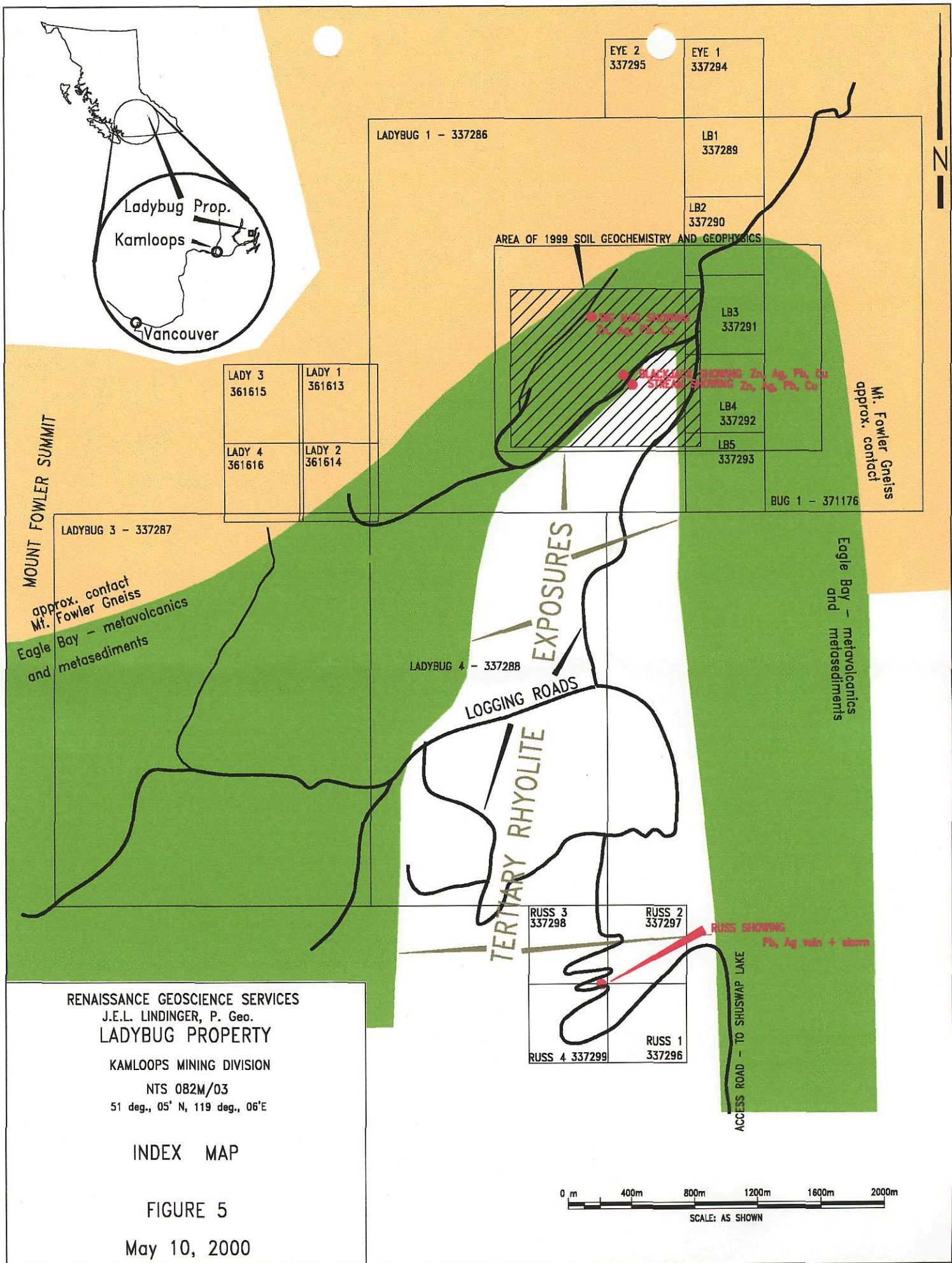
Cross Lake Minerals Ltd. optioned the property in late 1998 and performed ground magnetics, IP, soil geochemistry, and reconnaissance diamond drilling. The results of the surface program partially outlined several zinc, copper and silver in soil anomalies. **Open ended soil anomalies of over 700 ppm zinc are present.** Results of the drilling program were inconclusive, however individual analyses up to 0.4% zinc, 14 g/t silver, 0.1% lead and 0.1% copper over 1.5 meters were obtained in different samples in drill hole LB99-05. The property was returned to the vendors in early 2000.

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MAY 03, 2000

LDBGPROM.003



LADY 3 361615	LADY 1 361613
LADY 4 361616	LADY 2 361614

EYE 2 337295	EYE 1 337294
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LADYBUG 1 - 337286	LB1 337289
	LB2 337290
	LB3 337291
	LB4 337292
	LB5 337293
	BUG 1 - 371176

AREA OF 1999 SOIL GEOCHEMISTRY AND GEOPHYSICS

● DE WAD SHOWING Zn, Ag, Pb, Cu

● BLACK SAND SHOWING Zn, Ag, Pb, Cu

● STREAM SHOWING Zn, Ag, Pb, Cu

MOUNT FOWLER SUMMIT

approx. contact  
Mt. Fowler Gneiss  
Eagle Bay - metavolcanics  
and metasediments

LADYBUG 4 - 337288

LOGGING ROADS

TERTIARY RHYOLITE

Mt. Fowler Gneiss  
approx. contact

Eagle Bay - metavolcanics  
and metasediments

RUSS 3 337298	RUSS 2 337297
RUSS 4 337299	RUSS 1 337296

RUSS SHOWING  
Pb, Ag vein + stream

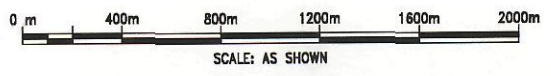
ACCESS ROAD - TO SHUSWAP LAKE

RENAISSANCE GEOSCIENCE SERVICES  
J.E.L. LINDINGER, P. Geo.  
LADYBUG PROPERTY  
KAMLOOPS MINING DIVISION  
NTS 082M/03  
51 deg., 05' N, 119 deg., 06'E

INDEX MAP

FIGURE 5

May 10, 2000



# LADYBUG PROPERTY ZINC SOIL GEOCHEMISTRY and ROCK SAMPLE RESULT HIGHLIGHTS

Note. Only rock samples out of soil grid shown

LL-R-98-025 **Cu, 0.3%**

LL-R-98-025 ●  
**Cu 641 ppm**

LL-R-98-024 ●  
**Ag 20.2, Zn 7362, Pb 1248  
Mn 4271**

95-54  
**Ag 4.2, Cu 2257, Zn 1179**

96-4  
**Cu 24900, Pb 320 Zn 301**

95-11 □  
95-12 □

Ba 225,  
Ag 0.6

95-19 □  
95-20 □

Ag 0.6, Ba 305, Mn >10000,

95-52 □

Ag 2.0, Cu 1666 95-53 □

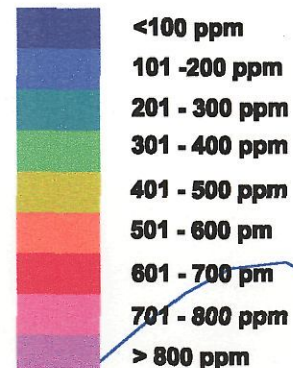
94-5 □  
Ag 1.0

**BIG MAG SHOWING** ●

**BLACKJACK SHOWING** ●

95-13 □  
Ba 170,

**ZINC**



● **DIAMOND DRILL HOLE**

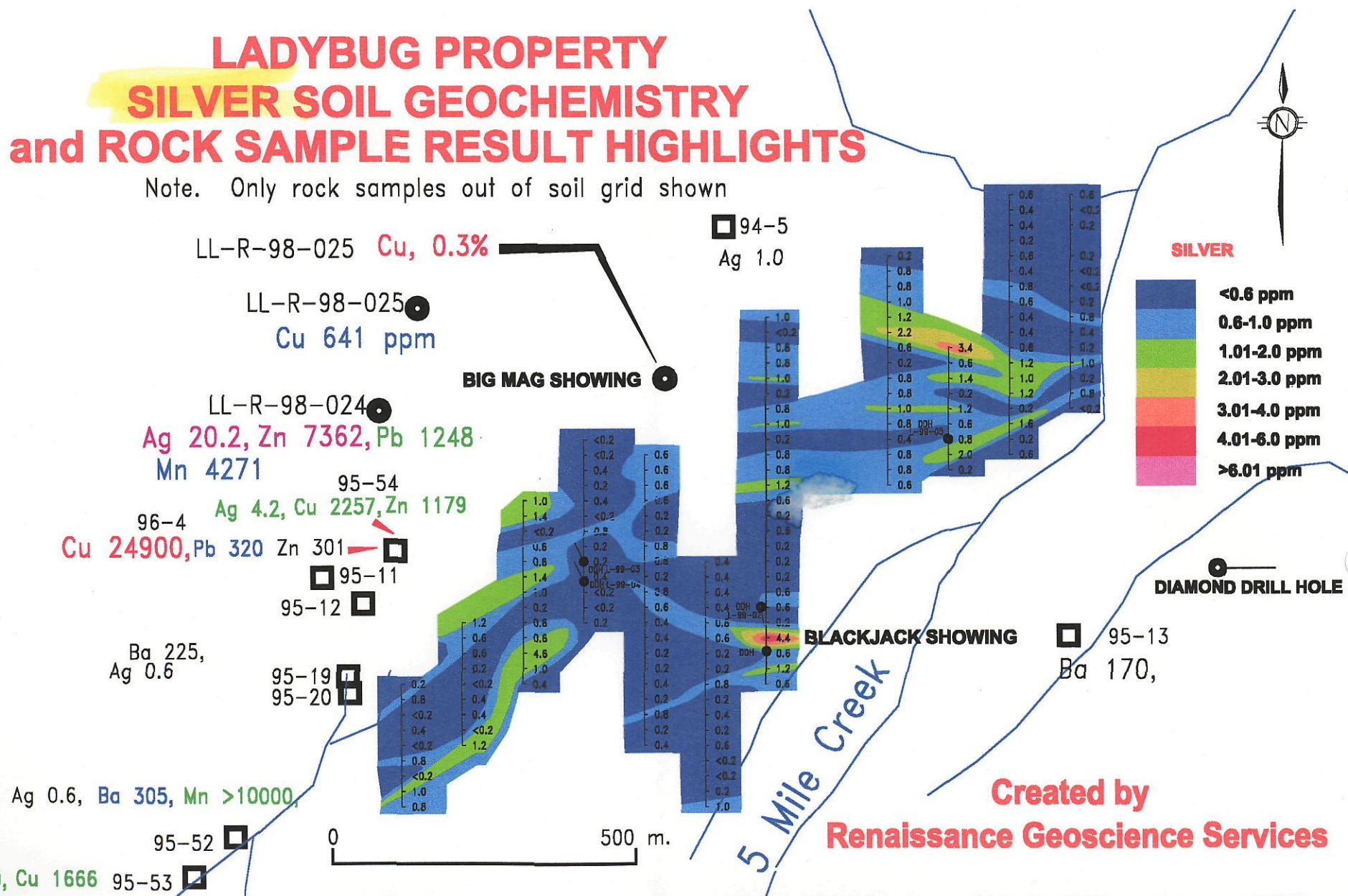


5 Mile Creek

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# LADYBUG PROPERTY SILVER SOIL GEOCHEMISTRY and ROCK SAMPLE RESULT HIGHLIGHTS

Note. Only rock samples out of soil grid shown



# LADYBUG PROPERTY COPPER SOIL GEOCHEMISTRY and ROCK SAMPLE RESULT HIGHLIGHTS

Note. Only rock samples out of soil grid shown

LL-R-98-025 **Cu, 0.3%**

LL-R-98-025 ●  
**Cu 641 ppm**

**BIG MAG SHOWING** ●

LL-R-98-024 ●  
**Ag 20.2, Zn 7362, Pb 1248  
Mn 4271**

95-54 ●  
**Ag 4.2, Cu 2257, Zn 1179**

96-4 ●  
**Cu 24900, Pb 320, Zn 301**

95-11 □  
95-12 □

Ba 225,  
Ag 0.6

95-19 □  
95-20 □

Ag 0.6, Ba 305, Mn >10000,

95-52 □

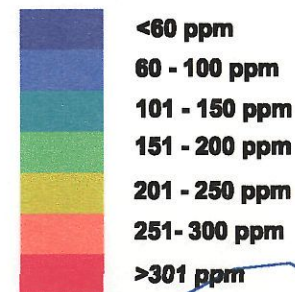
Ag 2.0, Cu 1666 95-53 □

94-5 □  
Ag 1.0

**BLACKJACK SHOWING** ●

95-13 □  
Ba 170,

**COPPER**



**DIAMOND DRILL HOLE** ●

5 Mile Creek

0 500 m.

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