

021811

(1989)

PROPERTY NAME: 49 Creek

NTS: 82F/6

OWNER: Ruth Carter; Tony Dzedora, etc
Nelson, B.C.; S.14, C.19, RR#1
Castlegar, B.C.
V1N 3H7
phone: 365-7249

LAT: 49° 27'
LONG: 117° 26'

1517 Vancouver St
Nelson, B.C.

VIL 1E5
phone 354-3923

CLAIMS: JA #1-8, PB #1-12. JD #1-6, Tony, Joanie 1-4, JAMTT, TMRK
3,4, Giant, ?? (80+ units)

LOCATION AND ACCESS: The 49 Creek property is located about 10 kilometres southwest of Nelson, covering the lower drainages of 49 and Bird Creek. Access to the property is good. Numerous old mining and logging roads in driveable condition cross the claims.

SUMMARY OF FIELD VISIT: The 49 Creek property is a large property, underlain almost entirely by Rossland volcanics, in a very actively explored area. Very little work has been done on the claims, although the owners have identified several showings. The merit of the property lies, not in these few isolated showings, but rather in the fact that the property is situated in a good belt of rocks, surrounded by known mineral showings, and has seen little exploration.

Outcrop on the property is limited, restricted mainly to road cuts and creek valleys. Outcrops seen in the field, combined with regional mapping by Hoy and Andrews (1989), suggests that the claims are underlain primarily by Elise volcanics of the Rossland Formation. These volcanics are in fault contact with Nelson plutonic rocks to the east of 49 Creek. Several small intrusive plugs of a coarse porphyry (possibly Coryell equivalent) occur near the mouth of both Bird and 49 Creek.

Showings on the property consist of the JAMTT trenches, JA 6 Shear Zone, Bird Creek Porphyry, and 49 Creek quartz veins. Each of these showings was visited in the field and is described below.

JAMTT Trenches: Three backhoe trenches were recently dug on the May-Hope claim, a 2 post claim owned by G. Addie and others within the 49 Creek property. According to R. Carter, these trenches are situated at least in part on the 49 Creek property. Narrow quartz veins containing minor pyrite and chalcopyrite are exposed in these trenches. The host rocks for these veins is relatively unaltered Rossland volcanics, with minor disseminated pyrite. Recent sampling by Placer Dome gave a maximum of 1130 ppb Au and 2.6% Cu out of the narrow quartz veins (trench sketches and results are attached). Minor soil sampling was done in the vicinity of the trenches in 1986, summarized in the attached report by Haynes. Highs to 2260 ppb Au with large anomalous areas of greater than 100 ppb Au resulted from this sampling program. No follow-up has been done on these anomalies.

JA 6 Shear Zone: About 500 metres northeast of the JAMTT trenches, a large shear zone cuts the Rossland Volcanics. The volcanics are rusty and pyritic where exposed in the road cut. The shear zone trends northwest, dipping shallowly to the southwest and is greater than 4 metres in width.

Bird Creek Porphyry: Near the mouth of Bird Creek, a small adit (in poor condition) has been driven near the contact of a highly altered coarse grained porphyry and the Rossland volcanics. The intrusive is strongly sheared and sericitized with moderate disseminated pyrite. Adjacent to the porphyry, the Rossland volcanics are strongly pyritic. Dzedora reports values to 7.886 oz/t Au out of these volcanics (see attached assay sheet), however subsequent sampling of the same exposure by others did not duplicate the results.

49 Creek Quartz Veins: 49 Creek has been actively worked for placer gold in the past, as evidenced by numerous old adits and creek channels. No mineralized outcrops were seen in the area examined however abundant angular quartz vein float occurs in dumps of the old workings. Dzedora reports that highly mineralized boulders were

discovered in the area by McMahan, however these have not been located.

Outcrop on the property is generally limited, however where exposed the rocks are commonly sheared or mineralized. Minor geochemistry has outlined large areas anomalous in gold which have yet to be followed-up. Although little work has been done on the property it is situated in an area being actively explored for bulk tonnage Cu-Au mineralization in the Rossland volcanics (ie. Teok/SnowWater 5 kilometres to the south, Noramco on the Kena/Shaft property 5 kilometres to the east, Pacific Sentinel immediately east of the claims, etc.). A number of auriferous quartz veins within the Rossland volcanics also occur nearby, such as the May and Jennie, Referendum and Kenville properties.

SAMPLE DESCRIPTIONS AND RESULTS:

		Au ppb	Cu ppm	Ag ppm
BCS 18439	JAMTT trenches, 20 cm qtz vein	1200	6500	7.6
BCS 18440	JAMTT trenches, diss py, cpy in volc	440	1540	5.9
BCS 18441	JA 6 shear zone	9	50	1.0
BCS 18442	JA 6 shear zone	6	151	0.8
BCS 18443	Bird Creek - pyritic volcs, retake of 7.886 oz/t Au sample by Dzedora	10	152	2.7
BCS 18444	Bird Creek - sheared, py porphyry	5	9	0.2
BCS 18445	Bird Creek - pyritic Rossland volcs	2	247	1.0
BCS 18446	49 Creek - pyroxenite float	2	14	0.9
BCS 18447	49 Creek - qtz vein float	2	28	0.2

RECOMMENDATIONS: The 49 Creek property is a very early stage property located in an actively explored area with good potential to host a bulk tonnage Cu-Au prospect. Because of the very grassroots nature of the property it is not considered a good exploration target for Minnova at this time. A heavy mineral sampling program should be considered to better test the potential of the claims.

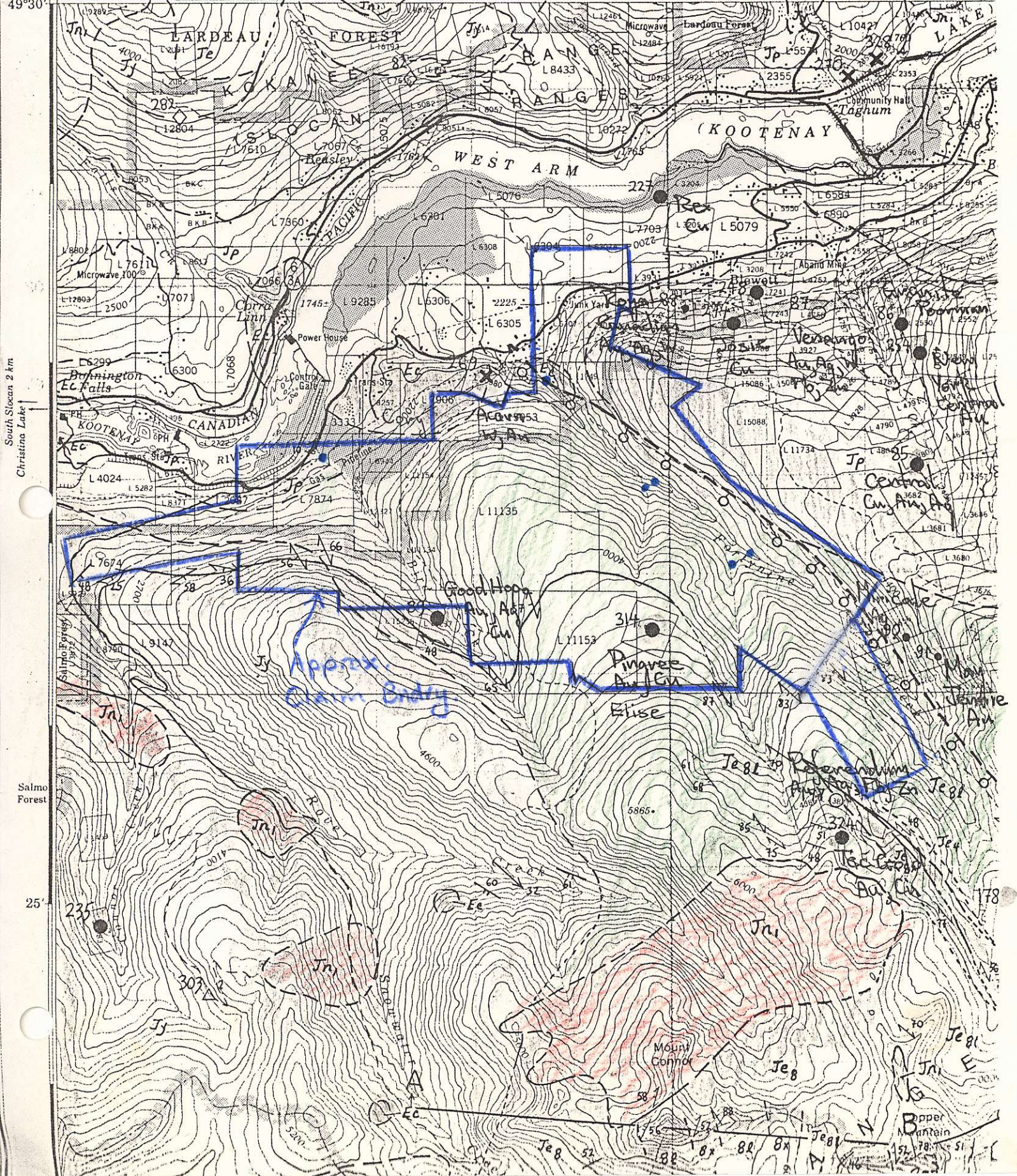
REFERENCES:

Haynes, L., 1986. 49 Creek Group - Geochemistry, filed for assessment.

Hoy, T. and K. Andrews, 1989. BCDM Open File 89-11.

L. Lee
November, 1989

7°30' 66 67 68 69 25'70 71 72 73



South Stocan 2 km
Christina Lake

Salmo Forest

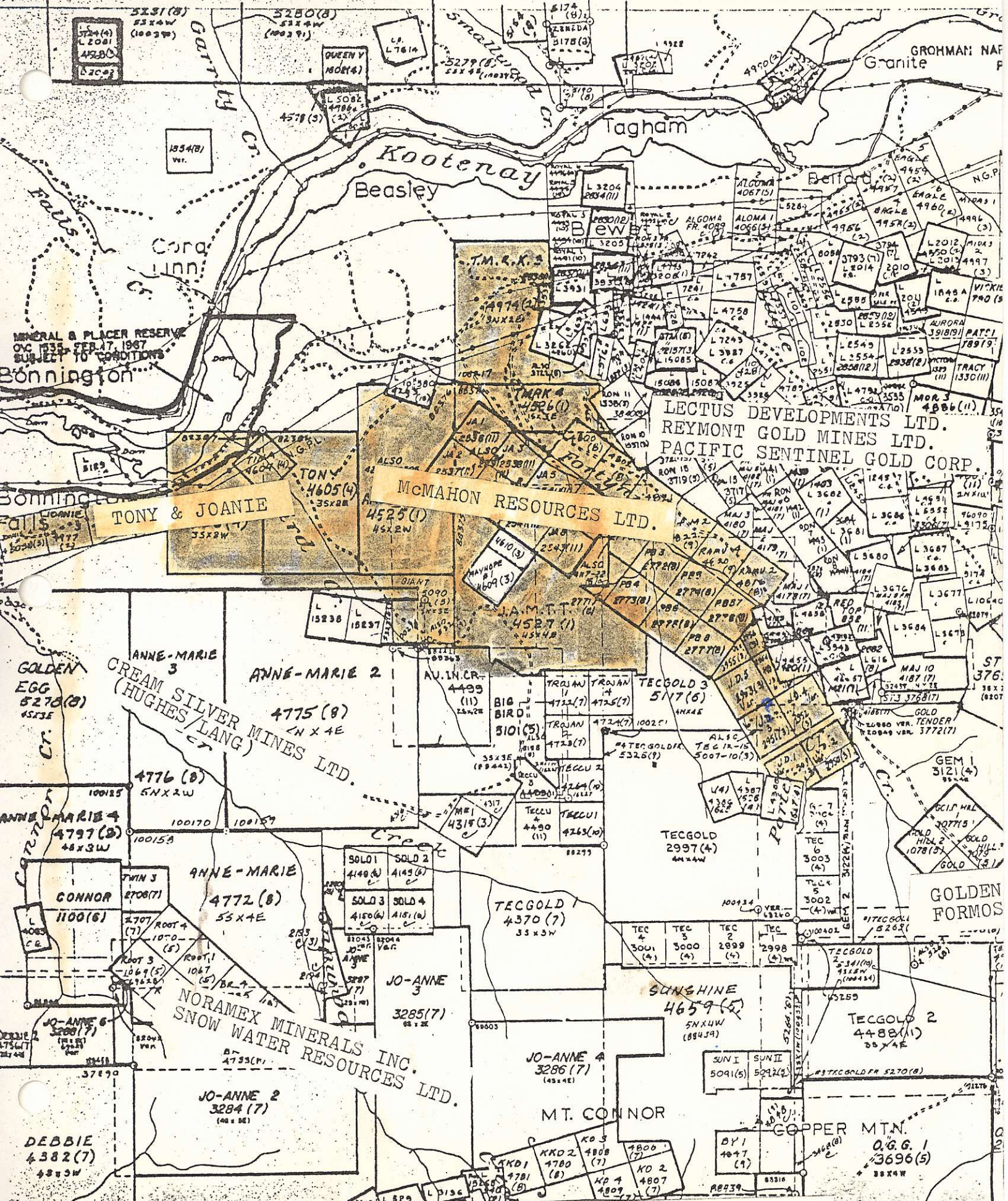
25'

Approx. Claim Only

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Central
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Mount Connor
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Mantain



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