

Assessment Report
Prospecting Program

MINERAL TITLES BRANCH	
Rec'd	
NOV 23 2001	
L.I.# _____	
File # _____	
KIMBERLEY B.C.	

Loose Leg Property
Loose Leg Claim
Fort Steele Mining Division

N.T.S. Map Sheets 82G082 - 82G072

Latitude 49 48' N

Longitude 115 36' E

Work performed early summer 2001

Owner
Darlene Lavoie
2290 DeWolfe Ave.
Kimberley B.C V1A 1P5

Report by
Craig Kennedy
Prospector
2290 DeWolfe Ave.
Kimberley B.C V1A 1P5

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

NOV 23 2001

26,703

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Loose Leg Property
Prospecting Assessment Report

Craig Kennedy

November 2001

1.00 Introduction

1.10 Location and access

The Loose Leg property is located in south eastern British Columbia in the Fort Steele Mining Division. The property exists a short distance south and east of Lazy Lake, approximately at UTM coordinates 5518000 North, 600,00 East. The Loose Leg claim is located on reference maps NTS 082G082 and 082G072. The property is accessed by the Lewis creek secondary highway from Wasa B.C and the Lewis - Estella logging road, though steep the property is accessible by foot.

1.20 History

This area has been held under tenure by majors, juniors and individuals through the past + 100 years.

1.30 Property

The Loose Leg claim is one 20 unit block of claims owned by Darlene Lavoie of 2290 DeWolfe Ave. Kimberley B.C V1A - 1P5.

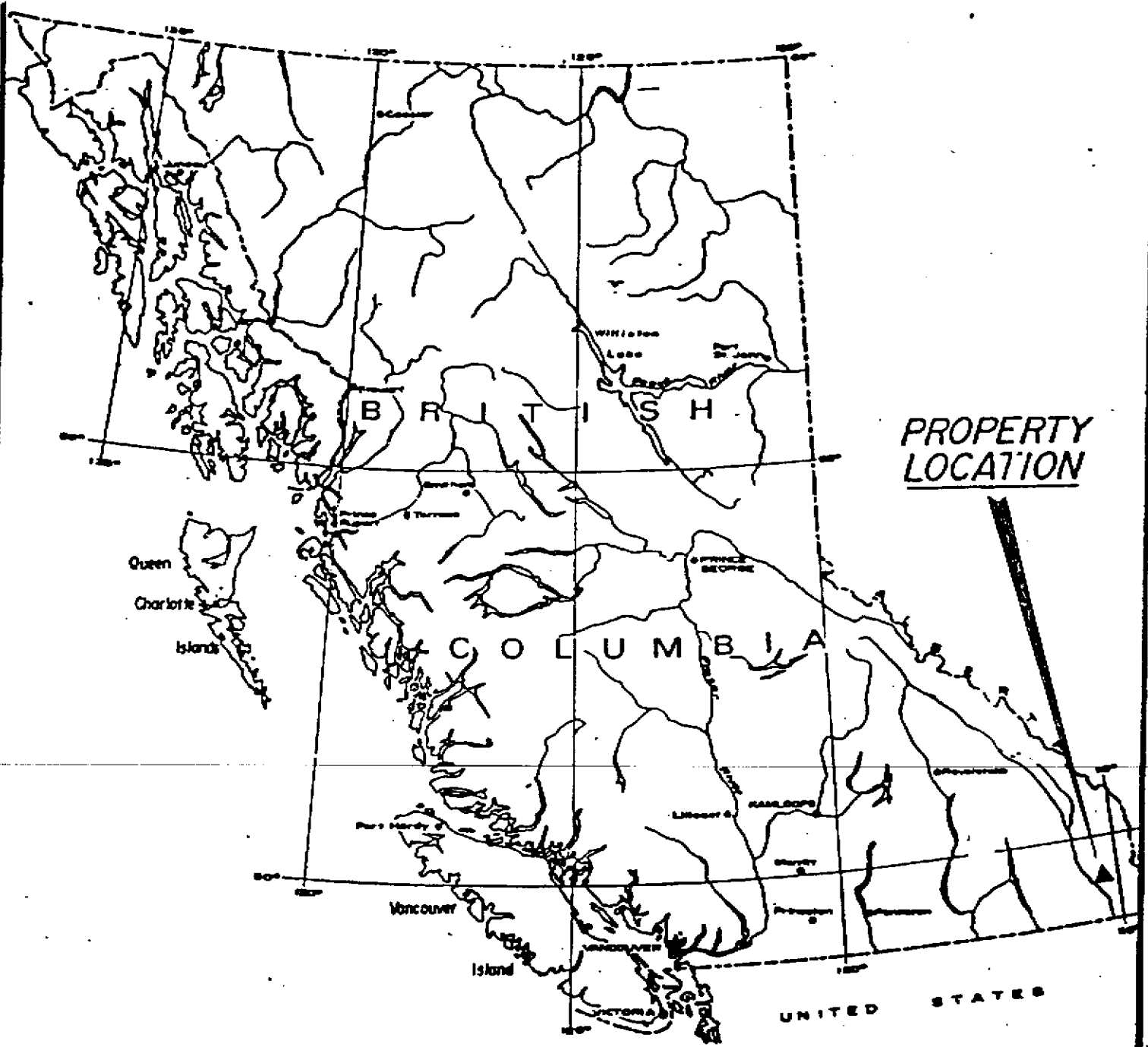
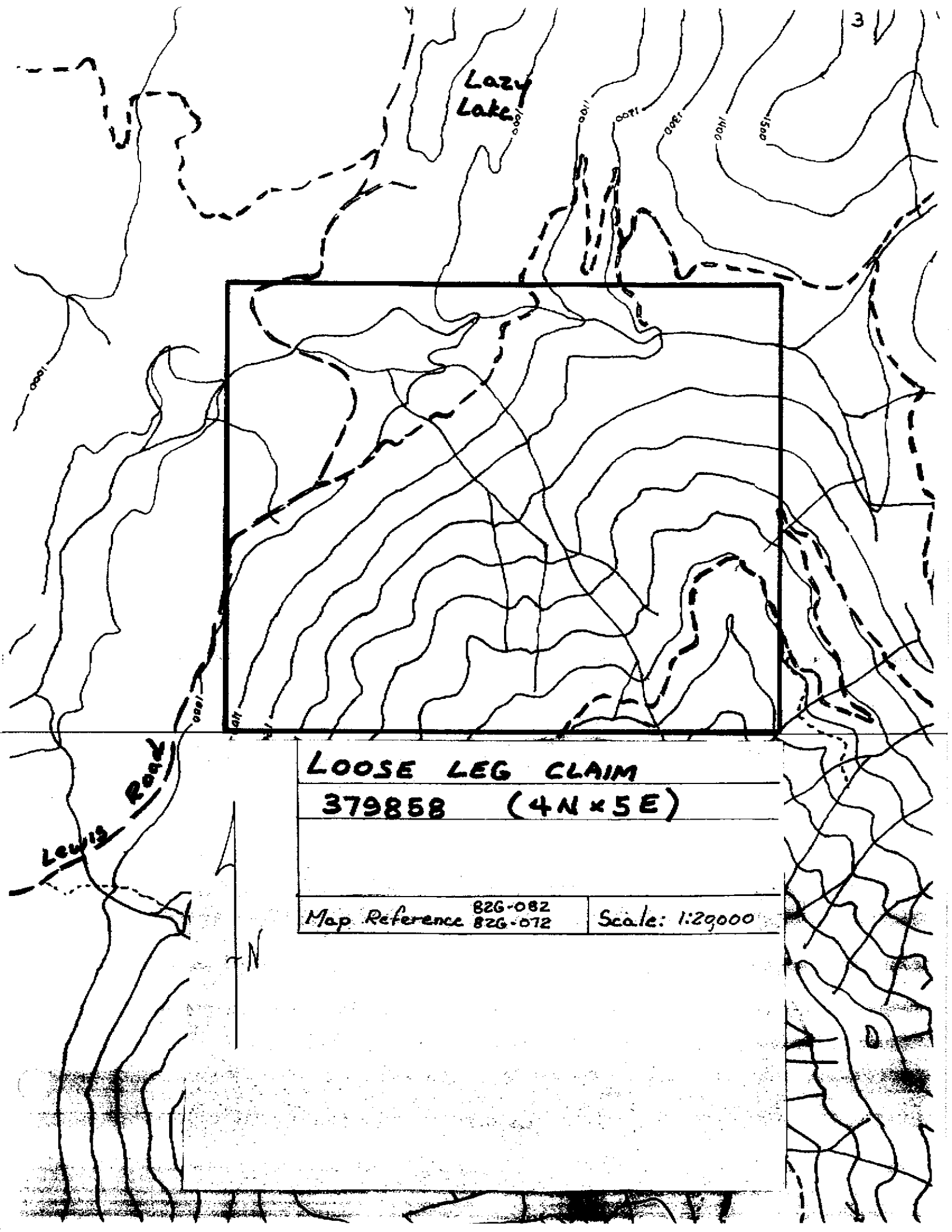
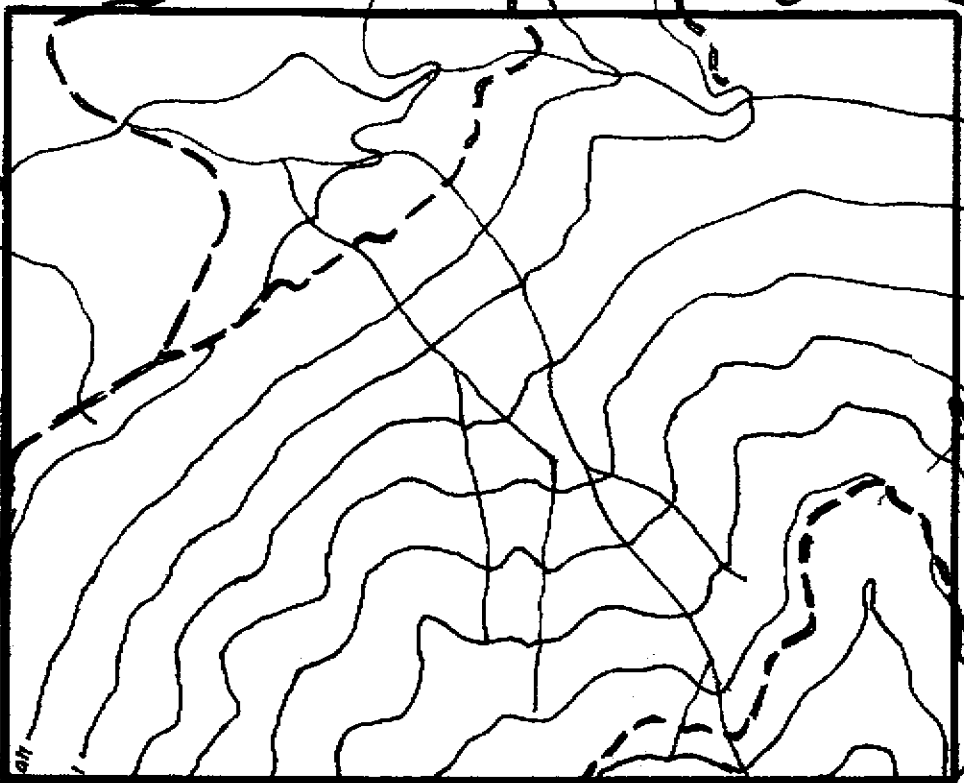


Figure 1. *LOOSE LEG CLAIM*
LOCATION MAP





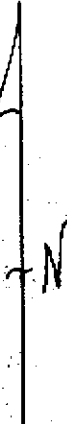
Lazy
Lake



LOOSE LEG CLAIM
379858 (4N x 5E)

Map Reference 826-082
826-072 Scale: 1:29000

Lewis Road



2.00 Prospecting

During the summer of 2001 an initial prospecting program was conducted on the Loose Leg Property. The work was conducted in an area where previous workers had discovered sporadic but wide spread copper lead mineralization. With the recent discovery of gold mineralization to the west on the Jack leg claim group, it was hoped prospecting would determine if a similar geological environment existed on the Loose Leg claim.

The major points of interest encountered are:

- 1) Strata bound alteration zone
- 2) Structure
- 3) Mineralization

- 1) Stratabound alteration zone

Of considerable interest is the discovery of a geological contact zone between coarse grained under-lying Fort Steele quartzites and over-lying black graphite rocks of the lower aldrige. This is not a normal sectional contact for these rocks within the Hughes range of the Rocky Mountain's. It is postulated that this contact is infact a flat fault zone. The evidence for this conclusion is the existence within the footwall quartzites of extensive brecciation, intrusive activity and quartz vining. This stratabound unit with associated alteration can be intermittently traced diagonally across the Loose leg claim. A potentially important feature of this stratabound unit is the existence of different intrusive types, these intrusives occur within the unit and also within adjoining alteration zones. Intrusives encountered were in order of abundance syenites, greenstones, felsites, and carbonatites. All intrusives, showed some sign of alteration, quartz vining, sulfide-oxide mineralization, shearing, or carbonization.

- 2) Structure

As mentioned above there is strong evidence for a stratabound structural zone on and adjoining the Loose Leg claim. Two other structural patterns are evident on the property both types are cross cutting features with near vertical dips. These fracture zones and dyke orientation are either northwest or northeast trending. One major zone of northeast shearing can be seen a kilometer south of the Loose Leg claim in the north fork of Tracy creek. The northwest structural pattern is the most common orientation noted on the Loose Leg claim. Of major interest is the occurrence of more intensive brecciation, alteration and sulfide mineralization where these zones intersect the statabound unit. Of further interest is the fact that the Estella massive sulfide vien is controlled by a northwest shear. The Estella exists approximately 3km southeast of the Loose Leg property.

- 3) Mineralization

Mineralization is not un-common on the Loose Leg claim the most obvious being chalcopyrite ; galena, tetrahedrite and sphalerite are also present. The chalcopyrite is

seen in narrow quartz veins in the breccia zone and adjacent quartzites, chalcopyrite also occurs in wider quartz veins with galena in the black graphitic zone. The galena occurs as grains, blebs and coarse patches in these wider veins. Veins reaching width in excess of 1 meter were noted in the central area of the property. Rare galena was also noted in areas of the breccia zones, this mineralization seems to be in areas exhibiting more intensive narrow quartz veining. The sphalerite and tetrahedrite seen was associated with the galena and chalcopyrite in the wider quartz veins. Pyrite mineralization is found in all area in association with structures and the stratabound breccia unit.

3.00 Conclusion

Initial prospecting has started the process of deliniating a major stratabound breccia zone. This unique structural zone occupies an area of extensive northwest trending shear activity. Base metals and pyrite mineralization occur in many areas on and adjacent to the Loose leg property. The existence of gold mineralization to the west on the Jackleg property and the Estella massive sulfide occurrence to the southeast places the Loose leg property in a strategic position. Future work should include geological mapping and intense rock sampling of the stratabound breccia zone and crossing structures. If open ground exists adjoining the Loose Leg it should be aquired through staking.

Craig Kennedy
Craig Kennedy
Prospector

Statement of Expenditures

Prospecting Program
Loose Leg Property

Work performed early summer 2001

Prospecting contractor

Craig Kennedy, Kimberley B.C

4 days @ \$400/day

\$1600

Craig Kennedy - report preparation and writing

1 day @ \$400/day

\$400

Transportation - 4x4 truck

4 vehicle days @ \$100/day

\$400

Miscellaneous supplies

\$100

Total = \$2,500

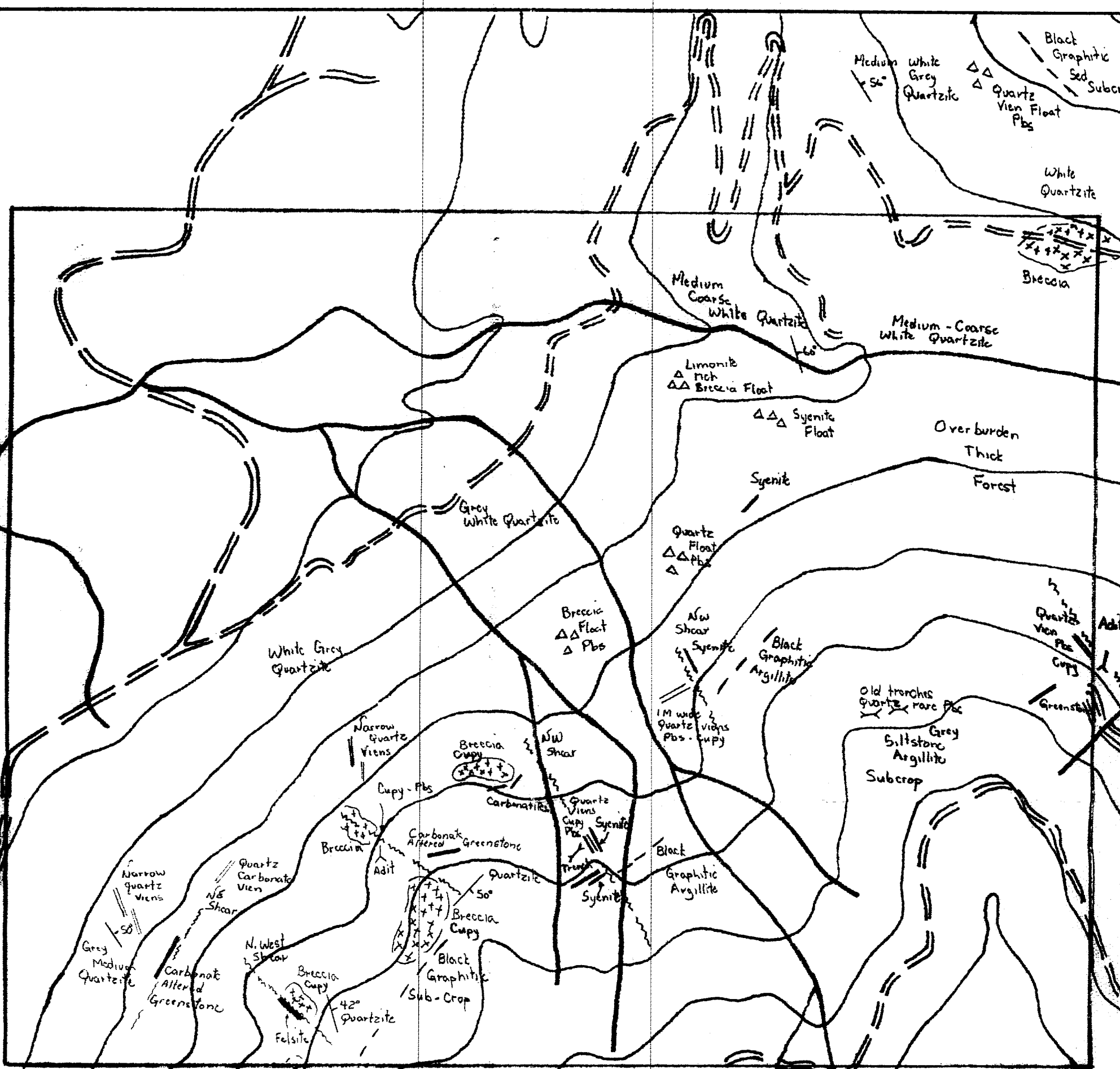
Craig Kennedy
Craig Kennedy
Prospector

Author's Qualifications

As the author of this report I, Craig Kennedy, certify that:

2. I am an independent Prospector residing at 2290 DeWolfe Avenue, Kimberley, B.C.
3. I have been actively prospecting in the East Kootenay District of B.C. for the past 25 years, and have made my living by prospecting for the past 10 years.
4. I have been employed as a professional prospector by major and junior mineral exploration companies.
5. I own and maintain mineral claim in B.C. and have optioned numerous claims to various exploration companies.

Craig Kennedy
Craig Kennedy
Prospector



LOOSE LEG CLAIM
 FIGURE 3
 Prospecting Map
 Map Reference 82G-082 82G-072 Scale: 1:10,000

LEGEND

- Breccia
- Intrusive dykes
- Quartz Veins
- Trench
- Adit

