

PROPERTY NAME: **Phoenix**

11989  
NTS: 82E/1

OWNER: Kettle River Resources  
Greenwood, B.C.  
(George Stewart: 445-6540)

LAT: 49° 06'  
LONG: 118° 36'

SUMMARY: Kettle River Resources has recently acquired control of the Phoenix and Sylvester K properties. In 1982, trenching on a strong VLF/EM anomaly on the Sylvester property resulted in a new gold find in the area. Auriferous pyrite was discovered by trenching, over a strike length of 160 metres. The zone averages 2.5 metres in width and occurs at the transition between the Brooklyn limestone and sharpstone conglomerate. Significant intersections from this new discovery are:

3 m at 11.96 g/t Au in drill intersection

5.6 m at 9.12 g/t Au, 7.54 g/t Ag, 0.14% Cu on surface.

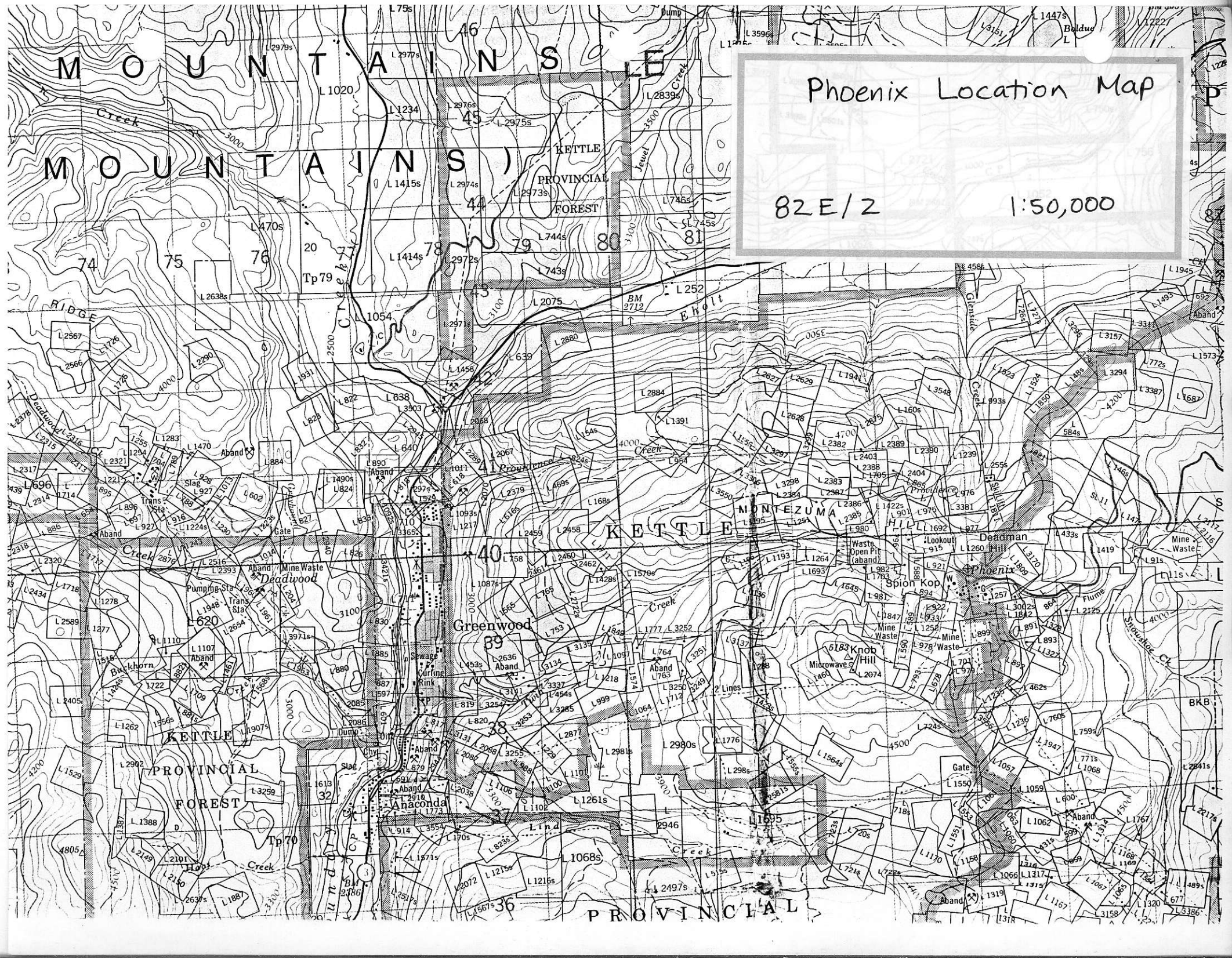
As a result of this new discovery, Kettle River Resources has undertaken a major compilation of old drill data, combined with geological mapping (both past and present). Fyles (1985, 1989) postulates a new gold-bearing trend. The attached maps and sections support this theory. The structure and stratigraphy of the area are both complex, and interpretation is complicated by the fact that targets are buried under the mine tailings. The fact that only about six drill holes are required to test the zone makes this an attractive target.

RECOMMENDATIONS: A thorough review of the existing data should be undertaken to confirm the validity of the newly proposed gold trend (select references are attached). Discussions with Jim Fyles will be helpful in obtaining an understanding of the structure and stratigraphy of the area.

REFERENCES:

- Church, B.N., 1986. Marshall, Sylvester K and Phoenix properties, in: Geological Setting and Mineralization in the Mount Attwood-Phoenix Area of the Greenwood Mining Camp, BCDM Paper 1986-2.
- Church, B.N., 1983. Geology and Self Potential Survey of the Sylvester K Gold-Sulfide Prospect, in: BCDM Paper 1984-1, Geological Fieldwork 1983, p. 7-14.
- Fyles, J., 1989. Sylvester K - Snowshoe gold trend, Stemwinder section. Private report for Kettle River Resources.
- Fyles, J., 1986. Notes on the Greenwood Geological Map, 1986. Private report for Kettle River Resources.
- Fyles, J., 1985. Notes on the Structure and Stratigraphy of the Phoenix Basin. Private report for Kettle River Resources.

L. Lee  
November, 1989



# Phoenix Location Map

82E/2

1:50,000