

#### 4.0 MINERALIZATION AND SAMPLING (FIGURE 90-03; IN POCKET)

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Assay results are shown in Table 2. Values of less than 100 ppm (< 0.01%) for copper, lead and zinc are shown as NSV (No Significant Value). Surface sample descriptions and assay certificates are provided in Appendices A and B, respectively. Sample locations are plotted on Figures 91-03.

##### SURFACE SAMPLING

Twenty surface samples (45907B-45918B, 45922B-45929B) were collected from a green andesitic pyroclastic unit on the southeastern corner of the Shul 4 claim. Mineralization consists of disseminations, and fine to coarse-grained small pods of pyrite, pyrrhotite and chalcopyrite. Pyrite averages 4-5%, locally to 50% where it occurs as massive pyrite and chalcopyrite pods. Pyrrhotite occurs with pyrite and averages 1-2%.

Of the twenty samples collected, fourteen contained less than 20 ppb gold. Six samples (45909B, 45911B, 45922B, 45924B-45925B, 45927B) are weakly anomalous in gold and assayed 0.118, 0.022, 0.026, 0.097, 0.032 and 0.034 gAu/t, respectively. Samples 45909B and 45922B show elevated copper, lead, zinc and arsenic values associated with anomalous gold. Samples 45924B and 45927B show elevated copper associated with the anomalous gold. Sample 45911B has elevated copper and lead, while 45925B shows elevated copper

and arsenic. The mean gold value for 20 samples is 0.020 gAu/t.

Silver values range from 0.1 to 4.9 gAg/t, with a mean value of 1.1 gAg/t. Sample 45916B, containing 4.9 gAg/t, shows elevated copper. With the exception of one sample (45909B), which contained 3.8 gAg/t, the six anomalous gold samples do not show corresponding high silver.

Sample 45907B contained elevated zinc and arsenic values of 117 and 180 ppm, respectively. Sample 45908B contains elevated copper and arsenic values of 191 and 271 ppm, respectively. Samples 45918B and 45929B assayed 157 and 136 ppm arsenic, respectively. Samples 45923B and 45926B are weakly anomalous in copper, containing 123 and 468 ppm Cu, respectively.

#### STREAM SEDIMENT SAMPLING

Four stream sediment samples (RG91-35 to RG91-38) were collected from drainages on the Shul 2 claim. The samples contain background base and precious metal values. Sample RG91-38 is anomalous in arsenic (43 ppm).

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

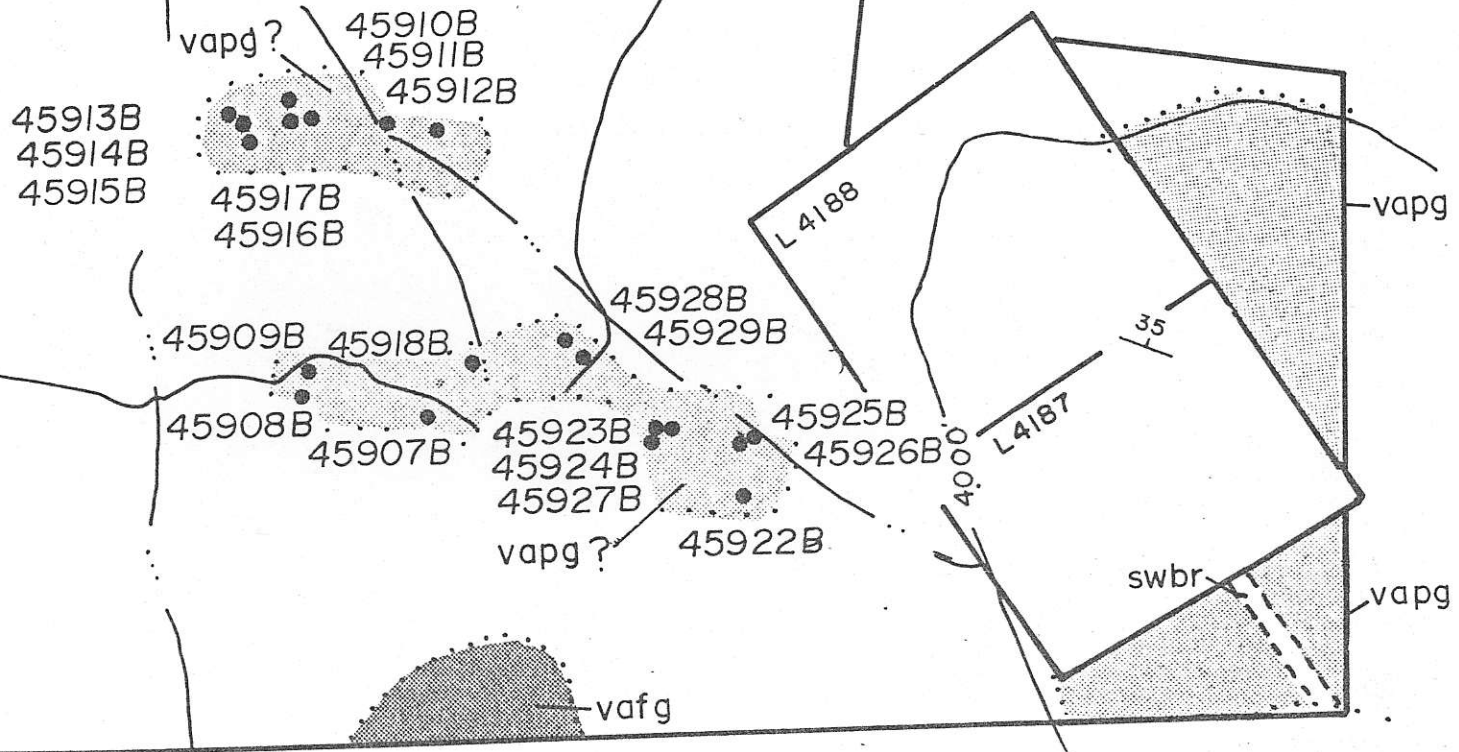
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The 1991 exploration program on the Shul property consisted of 1:10,000 geological mapping, lithogeochemical (n=20) and stream sediment (n=4) sampling. Mineralization consists of disseminations and fine to coarse-grained small pods of pyrite, pyrrhotite and chalcopyrite within andesitic pyroclastics and flows. Weakly anomalous gold shows elevated copper, lead, zinc and arsenic.

Additional sampling and structural mapping, particularly in the central claim area, is recommended as a follow-up program on the Shul property. An attempt should be made to age-date the felsic to intermediate pluton on the northern portion of the Dug 2 claim.

DUG 1 (8271)

DUG 2 (8272)



SHUL 5 (7347) | SHUL 6 (7348)

