

The Golden Trophy Project

High Grade Gold with Copper and Silver

The Golden Trophy project area is underlain by granitic rock of the Early to Middle Jurassic Island Plutonic Suite. These plutonic rocks vary in composition from gabbro to quartz monzonite but are mainly granodiorite and quartz diorite. In the area of the Trophy gold vein occurrence quartz diorite is the dominant variety.

The Trophy vein, striking 070 degrees and dipping 80 degrees southeast, has been traced on both sides of a canyon for a horizontal distance of about 50 metres and a vertical distance of about 20 metres. The width of the vein varies from 15 to 40 centimetres.

The vein consists principally of quartz containing iron and base metal sulphides. Gouge occurs along the walls of the vein and between plates of quartz giving the vein a banded appearance. The gouge bands are parallel to the wall and contain abundant sericite. Sulphide minerals occur as fine grains in the gouge bands and as small aggregates within the quartz.

The sulphides consist of pyrite and lesser amounts of galena, sphalerite, and chalcopyrite. Free gold in small angular grains is commonly observed in the white quartz. A 24 centimetre sample taken across the vein assayed 10.29 grams per tonne gold (Bulletin 8, page 66).

In 1939, or shortly after, an adit was reported to have been driven in a southerly direction, from the western side of the canyon, to crosscut the vein; some drifting was also done on the vein.

The Thunderbird 1 zone is in another area, near the original discovery of the late 1930's. A more recent soil sampling program in this area revealed a 250m by 150m area with gold values in soil up to 1090 ppb. A hand trenching program revealed a 3m wide zone of footwall rocks. A pyrite, chalcopyrite, bornite bearing quartz vein carried up to **.135 oz/ton Au**. This vein occurs within a strongly silicified and mineralized quartz monzonite. Over the years, 5 other hand trenches have been located in this Zone", but to date the source of the large strong gold in soil anomaly has not been fully explained.

The Thunderbird 2 showing consists of a lensy quartz vein in a carbonatized, pyritic quartz monzonite that strikes 118 degrees and dips 90. This quartz vein is exposed on the south side of Ursus Creek and can also be seen in the cliffs along the north side of the creek, about 20m away. Float from the north side of the creek has assayed up to 25.7 gpt Au. The source of this high grade gold float remains undiscovered.

Four samples of this vein assayed:

(1) 0.87 oz/t Au - (2) 0.41 oz/t Au - (3) 0.71. oz/t Au (4) 0.69 oz/t Au

Unfortunately the widths or exact location of these samples was not given.

In the Camp zone two (2) side creeks flow into Ursus Creek. These creeks are Thunderbird and Camp Creeks They are reported to carry mineralised quartz float with coarse free gold. The source of this float has not yet been discovered. RGS Stream samples well outside of the known mineralised areas run as high as 760 ppb Au. This indicates further undiscovered gold bearing zones.

BIBLIOGRAPHY... Reports... 16450, 24426, EMPR BULL 8, p. 64-66; 13, p.1,
GSC OF 463, GSC MEM 204

The Golden Trophy project has excellent further discovery potential.

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