

The SPROGGE (Justin) Property is located approximately 175 kilometers north of Watson Lake in the southeast Yukon Territory. It is host to three different styles of mineralization including epithermal gold (Confluence Zone), copper-gold skarn (Main Zone) and sediment-hosted gold mineralization (Kangas Zone). The variety of mineralization styles makes it an excellent candidate for combined bulk-tonnage / high-grade gold mineralization. It is thought to be associated with two separate phases of faulting which created dilational zones and provided conduits for gold bearing fluid movement. Recent work in 2010 discovered new mineralization zone, the Pow Zone, consisting of both a calc-silicate skarn system and chalcedonic/quartz veining with arsenopyrite and pyrrhotite in coarse clastic sediments. On the margin of this zone is a newly discovered granodiorite plug. It is the first surficial expression of intrusive activity located in the greater Hyland valley region.



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SPROGGE PROPERTY

Project Highlights

- 2010 channel sample returned 1.7 g/t Au over 3 m (Confluence Zone)
- 2010 channel sample returned 1.4 g/t Au, 3 g/t Ag and 0.18 % Cu over 11m (Main Zone) including:
 - 3.04 g/t Au, 4 g/t Ag and 0.22% Cu over 3 m and
 - 11.4 g/t Ag and 0.72% Cu over 1 m
- 2010 channel sample returned 2.07 g/t Au, 1.47 g/t Ag, 0.06% Cu over 7m (Main Zone) including:
 - 3.15 g/t Au, 2.5 g/t Ag and 0.1% Cu over 3 m
- 2010 chip sample returned 2.85 g/t Au and 4.2 g/t Ag over 1.5 m (Kangas Zone)
- 2010 grab sample returned 83.4 g/t Ag, 5% Pb, 4% Zn and 0.08% Cu (Confluence Zone)
- 2010 chip sample returned 0.54 g/t Au and 3.27 g/t Ag over 3 m of quartz veining (Pow Zone)
- 2010 grab sample returned 2.4 g/t Au from skarn (Pow Zone)
- 2002 grab sample returned 59.25 g/t Au (Confluence Zone)

Property History

1965: Norquest JV carried out geological mapping and a ground magnetic survey
1987: Vista completed geologic mapping, ground magnetic surveys and drilled four holes in the main Skarn Zone
1995: Hemlo Gold Mines Inc. completed prospecting and rock sampling
1996: Battle Mountain completed prospecting, rock sampling and soil sampling
1997: Battle Mountain completed geologic mapping, soil sampling and trenching
1999: NovaGold completed prospecting, rock sampling and geologic mapping
2001: EPL acquired the property and carried out geologic mapping and geochemical chip sampling
2008: EPL carried out geochemical rock sampling to confirm mineralization styles
2010: EPL carried out geochemical rock and soil sampling, airborne geophysical survey

Eagle Plains Future Plans

Further ground based geochemical sampling, geological mapping and possible geophysical surveys to follow up 2010 results and define diamond drill targets for late 2011.

Geology

The property is underlain by a broad package of WNW trending NNE dipping Hyland Group sediments consisting of thick units of coarse clastic sediments interbedded with fine-grained phyllitic units. The host stratigraphy has been intruded by a suite of NNW trending structurally controlled Tombstone Suite dikes. Two major regional shearing events have taken place and are interpreted to represent a conjugate shear fabric that controls emplacement of gold mineralization. A newly discovered granodiorite plug intrudes into the sediments in the northwestern part of the property.

For more project information, please visit www.eagleplains.com