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 82ESW010 011 Mar. 14/05

## INFORMATION SUMMARY

### TWIN LAKES Au/Ag PROSPECT (2005)

<b>Twin Claims</b>	<b>AVAILABLE FOR OPTION.</b> Fourteen contiguous 2 post claims, staked (2002,03,04) and owned by B.Neil Church P.Eng., Ph.D. and David R. Haughton, P.Eng., Ph.D. Phone: (250) 727-3279, E-mail <a href="mailto:nchurch@telus.net">nchurch@telus.net</a> . The claims cover a new epithermal gold-silver prospect in the Penticton area. This prospect is similar to the Dusty Mac Mine and the Vault Au-Ag deposits. All three deposits are in the White Lake Basin.
<b>Location</b>	Approximately 14 km west of Okanagan Falls. Northwest of Upper Twin Lake at Lat.49° 19', Long.119° 45'. Mineral Titles Reference Map M082E032
<b>Access</b>	Drive 5 km by paved road southwest from Highway 3A to the boat launch at the west end of Lower Twin Lake, and then drive another 3 km westerly by dirt road to the property.
<b>Commodities</b>	Prospective for Au, Ag, Zn, Pb.
<b>Other Area Deposits</b>	The Twin Lakes prospect is reminiscent of the epithermal gold-silver mineralization at the Dusty Mac mine (Minfile 082ESW078) and the Vault deposit (Minfile 082ESW173) at Okanagan Falls. Ore from the Dusty Mac operations 1975-76 amounted to 93,295 tons yielding 19,000 ounces of gold, 325,000 ounces of silver, 5,000 pounds each of copper and lead, and 534 pounds of zinc. Ore minerals include native silver, chalcopyrite, galena, sphalerite, minor bornite and tetrahedrite. The Vault deposit, in a similar geological setting, located 5.5 km northwest of Dusty Mac, has indicated reserves of 52,000 tonnes grading 14 gms/tonne gold.
<b>Geology</b>	The Twin claims cover a Tertiary rhyolite/dacite volcanic complex of lava, ash flows, associated dikes and explosion breccia. Outcrops display local gossans, clay alteration, silicification and through-going fractures and faults. Combined, these features are favourable for epithermal style gold/silver mineralization similar to that which occurs at the Dusty Mac and the Vault deposits in the White Lake basin.
<b>Geochemistry</b>	Forty-nine stream sedimentary samples collected from the Twin claims were analysed for 35 elements. The analytical results show values for the important ore indicator elements range well above crustal abundance – i.e. gold to 85 ppb, silver to 1442 ppb, zinc to 1015 ppm. Gold correlates well with pathfinder elements As, Bi, S, Pb and to lesser degree with Ag, Zn, Cd, Tl and Te.
<b>Deposit Model</b>	The <b>anomalous gold-silver geochemistry</b> conforms to the hot-spring epithermal model proposed by Cox and Singer (USGS). <b>Rock type:</b> rhyolite/dacite complex; <b>Texture:</b> quartz porphyry, brecciate; <b>Age:</b> Miocene; <b>Depositional Environment</b> low sulphidation epithermal; <b>Tectonic Setting</b> down faulted blocks, grabens; <b>Texture/Structure:</b> clay alteration, breccias; sulphides may be very fine grained and disseminated in silicified rock; <b>Ore Controls:</b> Through-going fracture and faults. <b>All of the above are found in rocks at the Twin claims site.</b>
<b>Exploration Status</b>	In 2003 the owners recognized that the Tertiary volcanic complex covered by the Twin claims is similar to Au-Ag deposits in the White Lake Basin and to other epithermal deposits in Washington State. As a result, a pilot geochemical study was undertaken. This showed elevated values of gold, silver and other pathfinder elements on the claims. In 2004 a broad geochemical stream sediment sampling program indicated that anomalous gold and silver occurs respectively in the headwater areas of West Creek and Discovery Creek, and anomalous gold along the lower section of Discovery Creek.
<b>Work Requirements</b>	The prime target for further exploration (drilling) is the major silver anomaly that lies along the mid-section of the ESE- trending topographic lineament that forms part of the upper channel of Discovery Creek. This is a fault lineament (vein fissure?) that cuts the northern flank of Glass Hill. A secondary target is an undefined site/structure that is the source of gold anomalies that culminate in the headwater area of West Creek. A third target is the gold anomaly on the lower section of Discovery Creek – this could be related to a SE-trending vein fissure in the canyon section of the creek. Further sampling should be undertaken to better define these additional targets.
<b>Exploration by Others</b>	There is no known history of exploration in the Twin Lakes area prior to 1977. In 1977-78 Union Oil conducted uranium exploration programs in the area without results. In 1988 Green Lake Resources Ltd. encountered weak silver and zinc mineralization on the Golden Plug claim two kilometers southwest of Upper Twin Lake (Minfile 082ESW048).

## Schroeter, Tom EM:EX

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**From:** Schroeter, Tom EM:EX  
**Sent:** Tuesday, March 15, 2005 7:41 AM  
**To:** XT:EM Haughton, David R EM:IN  
**Subject:** RE: Information Summary Twin Lakes Au/Ag Prospect

Thanks, David - good luck.

## Tom

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-----Original Message-----

**From:** David R. Haughton [<mailto:drhaughton@shaw.ca>]  
**Sent:** Monday, March 14, 2005 4:17 PM  
**To:** Schroeter, Tom EM:EX  
**Cc:** Neil Church  
**Subject:** Information Summary Twin Lakes Au/Ag Prospect

Tom,  
As mentioned in our conversation attached is a one page information summary re: the Twin Lakes Au/Ag prospect. Feel free to provide it to anyone interested in acquiring an epithermal Au/Ag prospect for option.

David Haughton