GEM 82K/8W 883299

365M

Gem Molybdenum Deposit
A MULTI-STAGE, TERTIARY, Mo-W (+/- Cu-Au) SYSTEM
Harrison Lake Area, British Columbia.

Latitude: 49°42'41"/Longitude: 121°43'16" (NTS 92H/12E), 92H.072

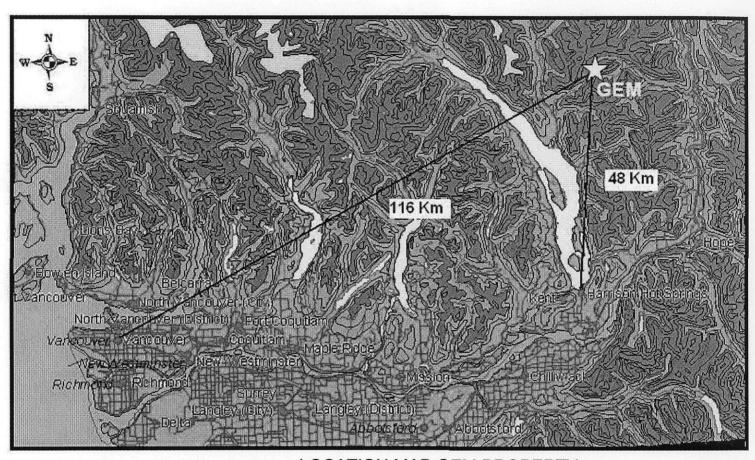
M.McClaren P.Geo. April 2007.

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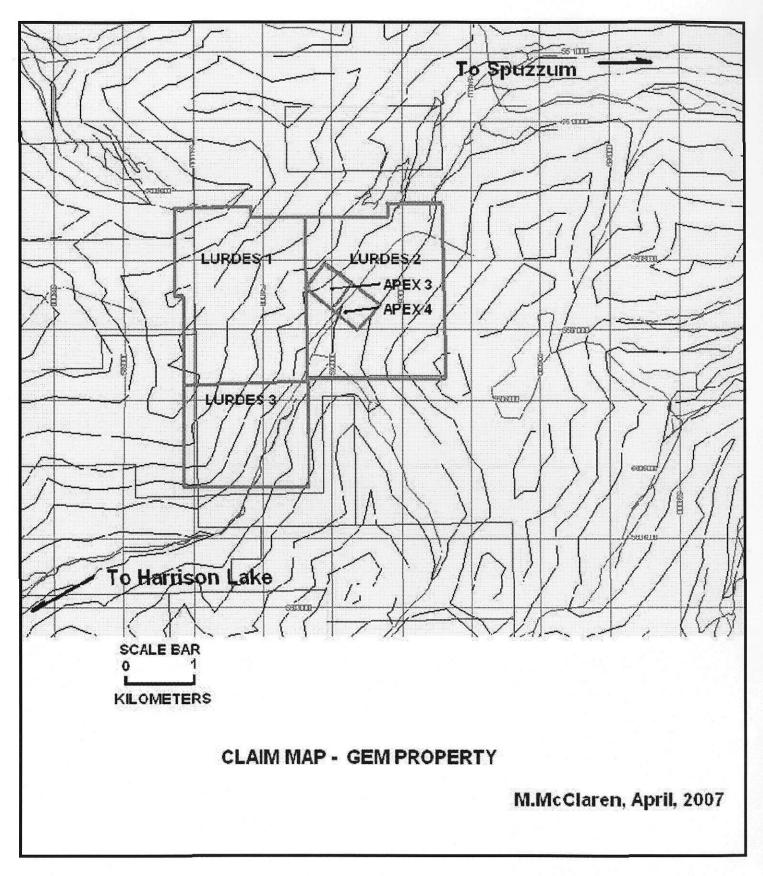
2005 Sample List and Analytical Results



KILOMETERS 50

LOCATION MAP GEM PROPERTY

M.McClaren, P.Geo.. April, 2007.



HIGHLIGHTS

- Historical resource: Inferred 15,874,250 tonnes (17,500,000 tons) @ 0.125 % MoS2 at a 0.10 % MoS2 cutoff.
 - (Not N.I. 43-101 Compliant).
 - Within resource a higher grade tonnage is indicated. (see page 6 and DDH 6)
 - Resource is open at depth.
 - Historic and recent silt sampling indicates additional areas of molybdenum and tungsten potential. Anomalous molybdenum values found in areas peripheral to quartz monzonite breccia.
- Significant values of tungsten obtained from grab samples. Best values obtained from limited sampling range from 0.11 % WO3 to 0.43 % WO3.
- Geological fieldwork identified structural contols to mineralization and areas of previously unidentified mineralization.
- Previous exploration focused primarily on intrusive-country rock contact and did not recognize structural control of mineralization.
 Area of quartz monzonite breccia has not been explored.
- Deposit type is "Porphyry Mo (Low-F-type)" with characteristics of the Reduced Cascade Porphyry Type Deposits which include:
 - Multiple breccias.
 - Stockwork and sheeted vein systems.
 - Strong structural control.
 - Sulphur deficient system.
 - Pyrrhotite occurs significantly in place of pyrite.
 - Widespread occurrence of scheelite.
 - Orbicular and comb structures.

All of the features listed have been noted on the Gem Property. Mineralization consists of molybdenite, scheelite and powellite in eastern portion of deposit. Molybdenite, scheelite, powellite, pyrite, pyrrhotite and chalcopyrite along with minor native gold and tellurides have been identified in the western portion of the Gem Property. Powellite was not previously identified in past exploration work.

Values of greater than 3 grams/ton gold and 50 grams/ton silver obtained from select grab samples from western portion of Gem Property. Massive pyrrhotite vein noted on Lurdes 3 mineral tenure may indicate potential for peripheral mineral deposit types (Rowins, S.M., 2000).

• 5 Claims covering a total of 1,300 Ha

Claim Name	Tenure No.	Good To Date
Apex 3	300576	June 18 th /2016
Apex 4	300577	June 18 th /2016
Lurdes 1	406265	Oct. 27 th /2009
Lurdes 2	406266	Oct. 27 th /2009
Lurdes 3	406267	Oct. 27 th /2009

SUMMARY

The claims are located at the headwaters of Clear and Spuzzum Creeks approximately 48km north of Harrison Hot Springs and 116km northeast of Vancouver. Access is by four-wheel drive logging roads to the edge of the claim group.

The general area is underlain by Coast Plutonic Complex and younger intrusives cutting schists and gneisses. The GEM stock is mainly comprised of Oligocene to Miocene granite and granodiorite that encompass an area of roughly 4,000 by 1,800 feet in surface plan.

The GEM stock is intruded by a smaller "pipe" of quartz monzonite porphyry breccia. A mixed breccia outcrops along the northeast edge of the quartz monzonite porphyry breccia.

The area of most intense known molybdenite mineralization is arcuate in shape located around the northeast edge of the quartz monzonite porphyry breccia.

Rough mineral inventory estimates by Utah personnel using surface diamond drilling results (up to 1968) is approximately 17,500,000 tons averaging 0.125% MoS₂ with a 0.10% MoS₂ cutoff. This estimate is historical and not compliant to N.I. 43-101 standards.

The results of a 2005 work program refined the exploration targets toward molybdenum-tungsten targets with a better understanding of the structural setting of the area.

The Apex 3 and 4 mineral tenures are subject to an underlying option agreement that consists of the following terms:

- 1. To earn 49% in the Apex 3 and Apex 4 mineral tenures Saturn Minerals Inc. must pay to the property vendor 230,000 shares of Saturn Minerals Inc., \$35,000 in cash payments and expend \$45,000 on field work.
- 2. To earn a further 51% in the Apex 3 and Apex 4 mineral tenures Saturn Minerals Inc. must pay to the property vendor 100,000 shares of Saturn Minerals Inc., \$35,000 in cash payments and expend \$30,000 on field work.
- 3. Apex 3 and Apex 4 mineral tenures are subject to a 2% NSR of which 1.0 % can be purchased for \$1.0 million CDN.

The Lurdes 1 to 3 mineral tenures are held 100% by Pacific Nickel Syndicate and are not subject to any underlying terms.

SELECT HISTORIC DIAMOND DRILL HOLE RESULTS

 Drill hole intercepts include the following intervals take from Utah **Construction Database:**

DDH 6: 515 feet @ 0.134% MoS2.

(380 feet to 845 feet)

Consists of the following intervals: 330-430 feet (100 feet) @ 0.108% MoS2. 430-650 feet (220 feet) @ 0.221% MoS2. 650-845 feet (195 feet) @ 0.070% MoS2.

DDH 9: 191 feet @ 0.91% MoS2 * and 220 feet @ 0.136% MoS2.

DDH 7: 170 feet @ 0.191% MoS2 and 110 feet @ 0.242% MoS2 and 30 feet @ 0.193% MoS2.

GC-10: 60 feet @ 0.214 % MoS2 and 40 feet @ 0.163% MoS2.

DDH 3: 165 feet @ 0.153% MoS2. (50 feet to 215 feet)

> Consists of the following intervals: 50-300 feet (250 feet) @ 0.116% MoS2. 50-100 feet (50 feet) @ 0.223% MoS2. 100-195 feet (95 feet) @ 0.051% MoS2. 195-215 feet (20 feet) @ 0.288% MoS2. 215-300 feet (85 feet) @ 0.057% MoS2.

DDH 4: 169 feet @ 0.100% MoS2. Consists of the following intervals:

90-250 feet (160 feet) @ 0.104% MoS2. 90-215 feet (125 feet) @ 0.108% MoS2. 215-250 feet (35 feet) @ 0.093% MoS2.

DDH 20: 110 feet @ 0.117% MoS2.

70 feet @ 0.164% MoS2 and DDH 8:

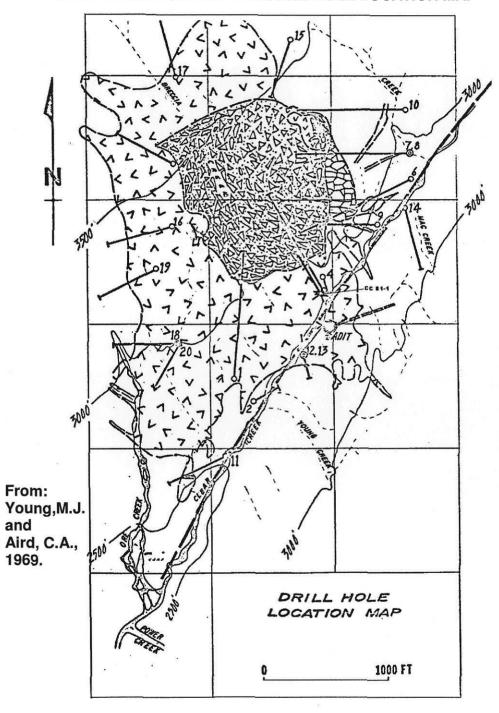
70 feet @ 0.160% MoS2 and 60 feet @ 0.148% MoS₂.

Drill holes assayed for Molybdenum (molybdenite equivelant) content only.

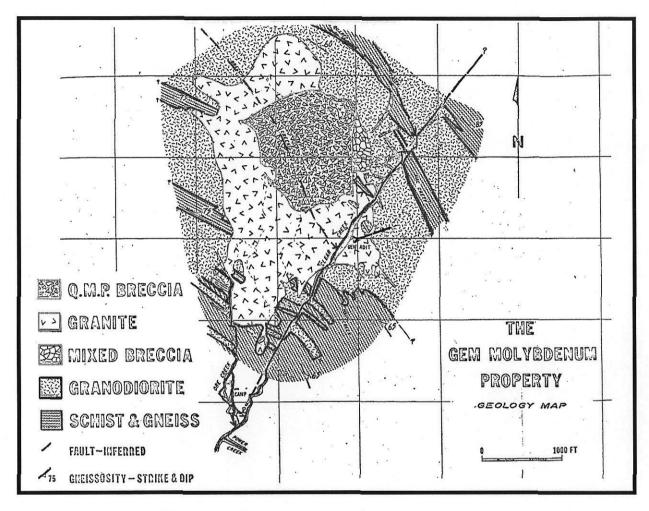
Note: <u>%MoS2</u> = % Mo * May be a drafting error and may 1.67

be 0.091% MoS₂.

UTAH CONSTRUCTION LTD. DRILL HOLE LOCATION MAP



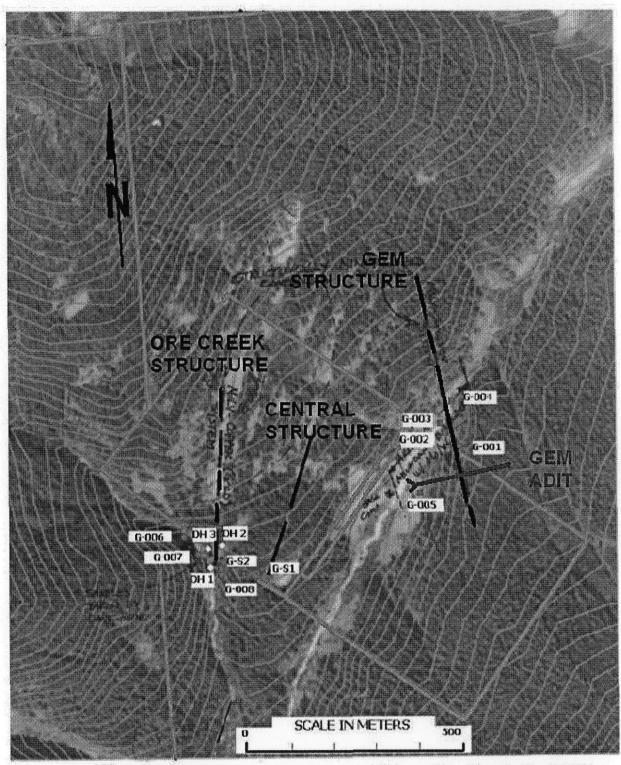
GEOLOGY MAP OF GEM PROPERTY (LURDES AND APEX MINERAL TENURES).



QMP = Quartz Monzonite Porphyry

From: Young, M.J., Aird, C.A., 1969.

LURDES - APEX MINERAL TENURES 2005 SAMPLE LOCATIONS AND IDENTIFIED STRUCTURES



Sample Locations After: Cardinal, D., 2005 See Pages 10-12 for Analytical Results

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Shearer, J., June 1, 2006: Technical Summary Report on the Gem Molybdenum Deposit, Report for Saturn Minerals Inc.

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Young, M.J., Aird, C.A., 1969: Geology of the GEM molybdenum Deposit, CIM Bulletin, Vol. 62, No. 68, p. 41-45.

DISCLAIMER

The author in writing this report used as sources of information those reports and files listed in the bibliography. Most of the reports were prepared by persons holding a university degree in Geological Sciences. Based on the author's assessment, the information in these reports is accurate, however, historical data that is believed to be reliable cannot be verified. The author has examined the property in 2005 for Saturn Minerals Inc. The author is, as a result of professional registration, education and experience a qualified person as defined in N.I. 43-101. The author is not an indepedant qualified person as defined by N.I. 43-101.

APPENDIX

GEM – SAMPLES COLLECTED AND ANALYSED SATURN MINERALS INC. 2005

Outside of adit on adjacent canyon wall

Dan Cardinal Samples

G-001 to G-008

001 to 004 Gem Structure

005 Gem Structure

006 Gem structure

007 Ore Creek

008 Ore Creek

G-S1 Silt Sample Northeast Ore Creek

G-S2 Silt Sample Northeast Ore Creek

David Heino Samples

62922 Ore Creek DH(05) 2

Assay

62923 Ore Creek DH (05) 3

Rock Geochem

62924 Ore Creek DH 2

Assay

62925 Ore Creek DH 1

Rock Geochem

62926 Ore Creek DH 1

Rock Geochem

62928 Ore Creek DH 1

Rock Geochem

GROTHERICAL ANALYSIS CENTERCAIR

SQUIRT MINERALE IN... PLOS \$ 5.00.7106

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