

# George Cross News Letter

NO.168(1988)  
AUGUST 31, 1988

## DIA MET MINERALS LIMITED (DMM-V)

### CONCENTRATES FROM BULK SAMPLES YIELD HIGH GOLD VALUES

Concentrates from bulk samples collected in talus have yielded high gold assays from the Bandit claim group located 10 km south of Tatsamenie Lake, 70 km north of the Stikine River and 10 km south of the Golden Bear mine of North American Metals - Homestake. The bulk samples were concentrated 10,000 to 1 prior to assaying. Each 10 kilo sample was concentrated to 1 gram then assayed. The ASSAYS SHOWN IN THE TABLE OVERLEAF should be divided by approximately 10,000 to determine the gold content of the rocks in the talus. The results were obtained from fine (-0.106 mm) heavy non-magnetic mineral concentrates of bulk talus samples. After the adjustment for concentration these are important high grade values justifying the current drill program.

Dia Met Minerals on Aug.9,1988, signed a letter of intent to earn a 50% interest in the property by spending \$200,000 on exploration in 1988. Chevron Minerals Ltd. was the vendor.

The samples were collected from the property in a line at a sample spacing of 50 meters, 100 meters downslope from a highly altered 1 km long portion of a subvertical fault. The fault has been traced for 2.5 km and analyses of soil samples have outlined highly anomalous gold values along the entire length.

James E.Eccott, president of Dia Met Minerals and Chuck Fipke, a director of Dia Met have reported, "Principle geologists and geochemists of C.F.Mineral Research Ltd. lab in Kelowna and Activation Services Ltd. of Hamilton, Ontario stated that they have never seen such high heavy mineral concentrate results. As a consequence, the heavy mineral concentrates from the anomalous bulk samples were tested, with scanning electron and binocular microscopes at the C.F.Mineral Research Ltd. laboratory. The microscopic results indicate that the foregoing anomalous heavy mineral results are caused by:

- abundant quantities of angular near source fine, mostly 0.25 mm, free gold;
- minor amounts of gold in quartz veins; and
- perhaps by minor gold in pyrite and arsenopyrite."

The highest grade samples were collected down slope from broader zones of silica-carbonate-argillic alteration mapped by Chevron geologists along the fault. The two broad zones, which reach maximum width of 50 meters and a maximum length of 150 meters, have been resampled by C.F.Mineral Research staff. These samples contain microscopically visible, fine angular free gold.

The new road to the Golden Bear gold deposit is scheduled to pass about 10 km north of the property.

## DIA MET MINERALS LTD. (DMM-V)

Assays below are from concentrates from bulk samples taken on the Bandit claims located at 2,050 meters elevation, (6,700 feet) 10 km south of Tatsamenie Lake, 70 km north of the Stikine River, and 13 km south of the Golden Bear deposit of North American Metals-Homestake, in northwestern B.C. The bulk samples were concentrated from 10 kilos to one gram, that is by approximately 10,000 to 1 prior to assaying. To determine the gold content of the original sample the oz.gold/t figure in the table below should be divided by about 10,000. For example, the 43.76 oz.gold/t from the concentrate was from rocks containing 0.0043 oz.gold/t. These are important high grade gold values from a talus slope, but should not be considered representative of the gold content of mineable rock.

<u>HEAVY MINERAL NUMBER</u>	<u>GOLD (ppb)</u>	<u>GOLD OZ./T</u>	<u>TALUS</u>	<u>SILVER (ppb)</u>	<u>SILVER OZ./T</u>
HE-1	94,600	2.76	(.000216)	16.00	0.47
HE-2	73,000	2.13		7.00	0.20
HE-3	64,400	1.91		9.00	0.26
HE-4	147,000	4.29		8.00	0.23
HE-5	706,000	20.60		170.00	4.96
HE-6	1,500,000	43.76	(.0043)	370.00	10.80
HE-7	800,000	23.34		120.00	3.50
HE-8	352,000	10.27		14.00	0.41
HE-9	245,000	7.15		12.00	0.35
HE-10	57,600	1.68		9.00	0.26
HE-11	48,300	1.41		11.00	0.32
HE-12	96,600	2.82		9.00	0.26
HE-13	38,100	1.11		7.00	0.20
HE-14	802,000	23.40		32.00	0.93
HE-15	231,000	6.74		11.00	0.32
HE-16	245,000	7.15		66.00	1.93
HE-17	168,000	4.90		11.00	0.32
HE-18	224,000	6.54		45.00	1.31

**SOUTHLANDS MINING CORPORATION (SSM-V)**

**NEW DISCOVERY AT - Southlands Mining Corporation and FRASERGOLD REVIEWED** Sirius Resource Corporation have reported locating a large gold in soils anomaly in altered and sheared volcanic rocks bordering the main gold bearing zone at the Frasergold property near Horsefly, B.C.

The gold anomaly covers an area at least 1,500 feet long by 1,000 ft. wide and has an east-west bearing. The average gold value from 40 samples was 205 parts per billion with the highest value found being 1,650 ppb. This location shows strong propylitic alteration with disseminated pyrite and magnetite and lies within two major east-west shear zones. The area borders a major copper porphyry system found in the 1960's.

The discovery represents a gold bearing system that has not previously been recognized. The new gold bearing zone occurs in much younger rock than the main gold zone. The geology, alteration and geochemistry is similar to Placer-Dome's QR gold deposit.

Sirius and Southlands have a \$1,100,000 program now under way and expect to spend almost all of the \$3,000,000 required to earn a 50% interest in the property from EUREKA RESOURCES INC. (EUK-V). (SEE GCNL NO. 68, 8APR88 FOR PREVIOUS SOUTHLAND PROPERTY RESULTS).