

**PROSPECTING REPORT**

**ON**

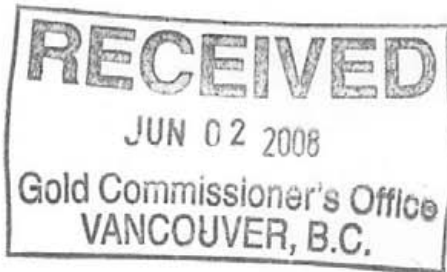
**BOOMERANGE CLAIM**

**CASSIAR AREA**

**LIARD MINING DIVISION**

**BRITISH COLUMBIA**

**BC Geological Survey  
Assessment Report  
29978**



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**PROPERTY LOCATION** : The claim, tenure # 539432 is on  
McDame Mountain

59°17' 26" North  
129° 46' 42" West  
National Topographic Series 104P022

**WRITTEN BY** : GERRY DIAKOW  
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May 19, 2008

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**29,978**

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## **Summary**

The Boomerange Claim (Figure 1) was prospected on Aug. 25<sup>th</sup> and 26<sup>th</sup> 2007. The prospecting was done by Gerry Diakow, and John Hope. Outcrop was prospected and rock samples were collected. These samples were assayed by International Plasma Labs LTD. and the results are included in this report.

The Boomerange Property warrants further exploration. The rock samples returned anomalous values in Ag, Cu, Pb, Zn and Sb.

## **Conclusion**

- 1) The access road to the property is passable with a 4 wheel drive vehicle and there are good roads traversing the property in a east to west and north to south direction.
- 2) The high geochemical values should be followed up with further sampling and mapping.
- 3) Future analysis of rock or soil samples should include gold analysis.

## **Recommendations**

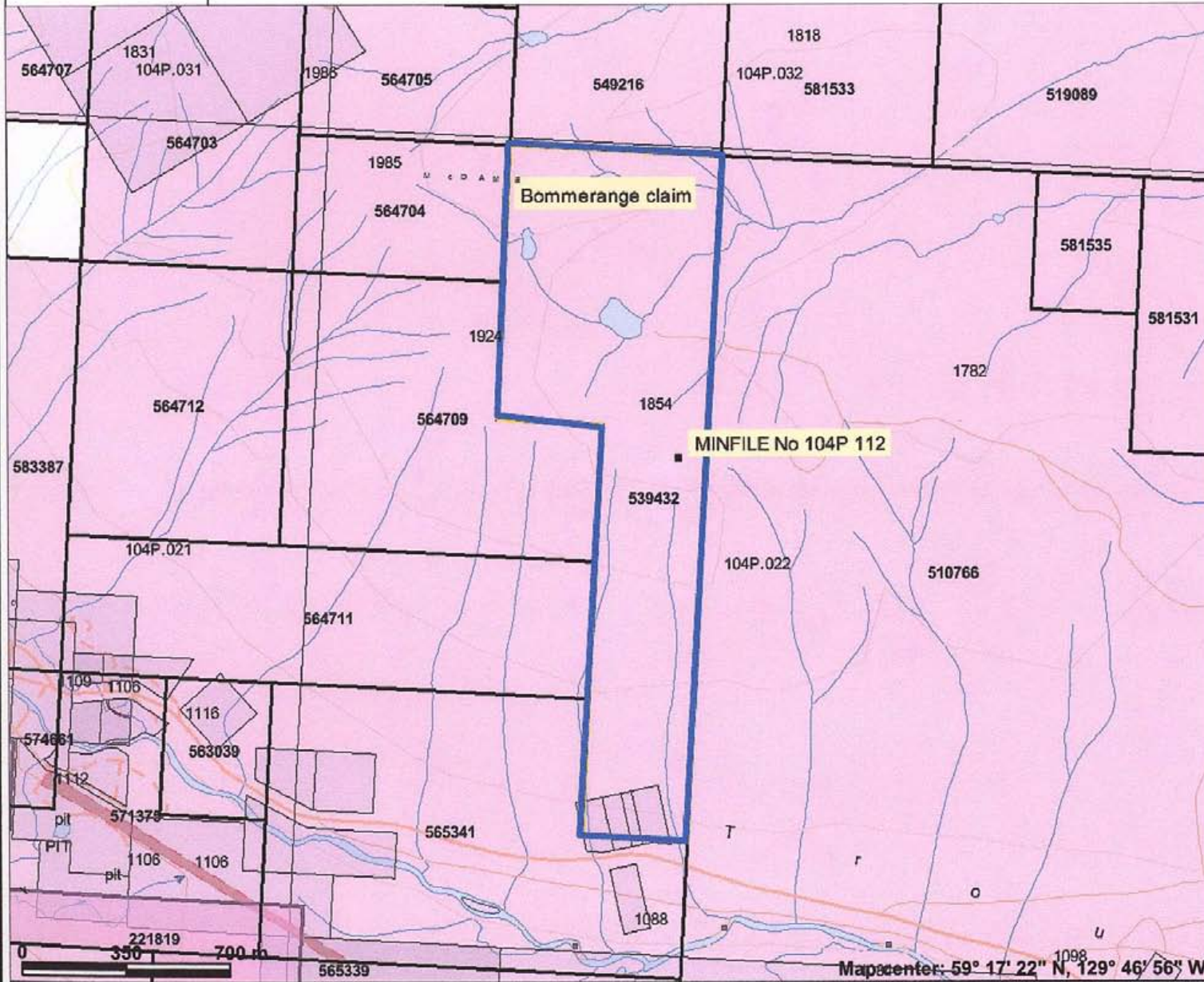
It is recommended to carry out additional prospecting and mapping of the claim. The work will be focused at the location of the recent sampling and trenching of the original Boomerange showing which was not sampled during this reports exploration.

## **Introduction**

This report discusses the access to the claims and the prospecting done on the claims. Work was carried out on the mineral claim tenure number 539432.

No work was done on the Boomerange *Minfile 104P 112* showing the reason for this is discussed in the History section.

# BOOMERANGE CLAIM



## Legend

### MINIFILE Status

- Producer
- Past Producer
- Developed Prospect
- All others

### Indian Reserves

Indian Reserves

National Parks

Parks

Mineral Tenure (current)

Mineral Claim

Mineral Lease

### Mineral Reserves (current)

Placer Claim Designation

Placer Lease Designation

No Staking Reserve

Conditional Reserve

Release Required Reserve

Surface Restriction

Recreation Area

Others

Integrated Cadastral Fabric

Survey Parcels

BCGS Grid

Contours (1:250K)

Contour - Index

Contour - Intermediate

Area of Exclusion

Area of Indefinite Contours

Annotation (1:20K)

Transportation - Points (TRIM)

Helipad

Transportation - Lines (TRIM)



Scale: 1:20,321

Map center: 59° 17' 22" N, 129° 46' 56" W

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Prospecting was focused on the northern area of the claims that have numerous quartz outcroppings. The latter quartz veins are associated with very fine grained sulfides.

### **Location and Access**

The Boomerange claim lies in the Cassiar area of British Columbia, approximately 2.5 km east of the Cassiar town site which has a paved road to the juncture of Highway 37 approximately 18 km ( figure 2).

Access to the claims is via 4 wheel drive mountain road this road may be entered from the Quartzrock creek drainage road or directly off the Cassiar main road.

### **History**

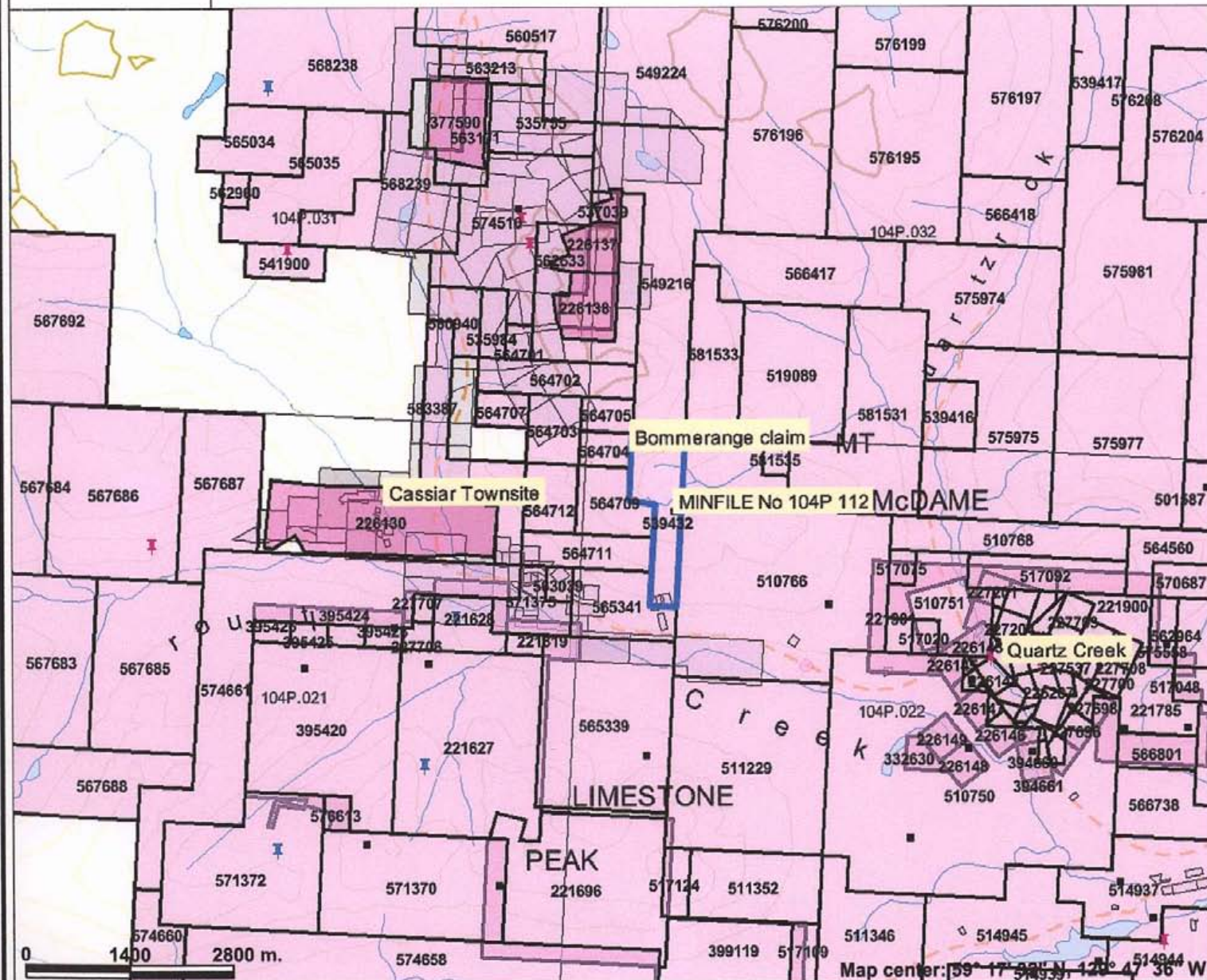
The history of mining activity in the Cassiar area goes back to the discovery of placer gold on McDame Creek in 1863 recorded production is 70,000 ounces of gold. The Cassiar asbestos mine began production in 1954 and Erickson gold mines on Table Mountain began production in 1978.

Recently there are numerous exploration plays in the old mining camp these include Columbia Yukon Mo, Velocity Minerals Ltd. Mo and Hawthorne Mining Au exploration.

The Boomerange showing was trenched and sampled by my prospecting partner John Hope who put in the road to the prospect. John's work at the showing was not repeated during the period of this prospecting report rather we wanted to focus our exploration on the extensive quartz float covering large areas of the claim area (Figure 3).



# Location Map



### Legend

**MINFILE Status**

- + Producer
- + Past Producer
- + Developed Prospect
- All others

**Indian Reserves**

**National Parks**

**Parks**

**Mineral Tenure (current)**

- Mineral Claim
- Mineral Lease

**Mineral Reserves (current)**

- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others

**Survey Parcels**

**BCGS Grid**

**Contours (1:250K)**

- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours

**Annotation (1:250K)**

**Transportation - Points (1:250K)**

- + Airfield
- + Anchorage - Seaplane
- + Ferry Route
- + Heliport

**Scale: 1:81,284**

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Map center: 59° 17' 59.59" N, 126° 47' 36" W

## **Regional Geology**

The British Columbia Ministry of Energy, Mines and Petroleum Resources Minfile describes the geology thus, "*the property is underlain by the Sylvester Allochthon located on the northeastern margin of the Cretaceous Cassiar Batholith. The Sylvester Allochthon is a fault bound imbricate assemblage of Devonian to Triassic regionally metamorphosed is a fault bound imbricate assemblage of Devonian to Triassic Regionally metamorphosed (greenschist) oceanic rocks thrust over the sediments of autochthonous North America. The assemblage contains basaltic to andesitic flows, pyroclastics, argillites, limestones, greywacke, chert, listwanite and quartz veins.*"

## **Rock Sample Discussion**

Locations of samples are shown on Figure 3. Some of the rock samples collected were not analysed for this report. The samples were high graded after collection because of the fine grain size of the sulfides. The mineralization was not in the quartz but rather was in micaceous zones parallel to the bedding of the quartz veins. This assemblage made one doubt that there were sulfides present except under the very best of lighting conditions.

Claim Boundary  
Tenure 539432



Qtz veins  
x 836 (200ppm Ag, 9998 ppm Cu)  
x 835 (200ppm Ag, 6705 ppm Cu)

Quartz veins + Float  
x 834 (300ppm Ag, 29 ppm Cu)

Qtz veins

x 833 (200ppm Ag, 3922 ppm Cu)

Quartz veins + Float

Mountain Road

6573000

Legend  
x 834 sample location of 0145834  
200 ppm Ag - value  
29 ppm Cu - value

- - - QUARTZ veins/Float

Prospecting Sketch  
Boomerange Claim  
Showing Sample Location +  
Ag and Cu Values

Mintfile No.  
104P 112

Scale 1:4,794

455000







**STATEMENT OF QUALIFICATION STEPHEN G. DIAKOW**

1. I attended Vancouver City College and the University of British Columbia completing courses leading to a B.Sc in chemistry.
2. Studied Civil and Structural Engineering at British Columbia Institute of Technology.
3. I have worked in Mineral Exploration for the past 40 years . Including the major companies Union Carbide Mining Exploration, Canadian Superior Mining Exploration and Anaconda Mining Exploration.
4. I have received 3 British Columbia prospector assistance grants, the first from Dr. Grove in 1975 and last in 1998.
5. Member of the Society Of Economic Geologists

AFFIDAVIT OF EXPENSES

Prospecting and sampling of old workings was carried out within the claim (Tenure number 539432) on Aug. 25<sup>th</sup> and 26<sup>th</sup>, 2007. Work was carried out on the claim located on McDame Mountain within the Liard Mining Division, British Columbia, to the value of the following:

Mob/Demob:

Wages 1 men, .5 day @ \$300/day \$150.00

Field:

Prospecting Assistant John Hope, 1.5 days @ \$300/day/man \$450.00

Prospector/Party chief Gerry Diakow 1.5days @\$350/day \$525.00

Room & board, 2 man days @ \$100/man/day \$200.00

Truck & Fuel: F250 4x4 diesel 1.5 days @ \$125/day \$187.50

Total \$1512.50

Laboratory Rock samples 4 samples @ \$9.50/ sample \$38.00

Report \$350.00

**Grand total: \$1900.50**

Respectfully submitted ,

Gerry Diakow

