

2012

**EXPLORATION REPORT**  
**“Broken Hill Property”**

**EVENT # 5342015      TENURE # 600988**  
**Tenure Name: Broken Hill**

**New Westminster Mining Division**  
**Map 092H**

**Central Coordinate Reference**  
**121° 24' 06.2” W Longitude – 49° 19' 03.3” N Latitude**

**Report Date – August 8, 2012**

*prepared for*

**Sarah Della Lila Amey – Owner**  
**FMC 206187**

*by*

**William Larry Amey**  
**FMC 145191**

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**Note: Unless otherwise referenced, map submissions are enhanced excerpts from the BC Ministry's Provincial Mapping System. Scale as that shown.**

## **Introduction**

The 'Broken Hill' mineral property, tenure # 600988, a thirteen cell claim comprising 273.28 hectares, was staked to explore for precious metals and other economic minerals. The general region, better known as the Coquihalla Gold Belt, has hosted several gold discoveries in the past. In the early 1900's a serpentine belt was explored where several promising lode gold veins were discovered. In 1916, the Emancipation mine located 2.5 kilometres southeast of the former Carolin mine, was the first major gold producer in the Coquihalla gold belt. Subsequently, other mines were discovered such as the Aurum (1926) and the Pipestem (1922). The Carolin mine, previously discovered, went into production in 1981, however, by the end of 1984 the mine closed.

Between October 2010 and May 2012, the author conducted a reconnaissance program on the claim in order to be better understand the bedrock and to identify potential areas for future exploration. Coupled with his own explorations, varied assistants were engaged to conduct site-specific drainage sampling along the Coquihalla River.

In the northern sector and in the southern extension, the claim is diagonally cut by minor fracturing and contacts, which divides the claim area with a band of sedimentary rock striking northwest through the central portion of the property, while being bounded by basaltic volcanic rocks on both the north and south parameters. The claim area lies approximately 3.5 kilometres west of the Hozameen Fault.. Elevation over the claim ranges from 230 metres at river level to 780 metres along the northwest portion of the property.

## **Location & Access**

Located seven (air) kilometres east-northeast of Hope, BC, along BC Highway #5, the tenure is centrally situate on coordinate 121° 19' 03" W Longitude, 49° 24' 07" N Latitude. Both the Coquihalla River and the Coquihalla Highway (BC Highway #5) cut lengthwise north/south through the property, thus offering excellent access to most valley portions of the claim. Site access is gained by exiting BC Highway 5 at the Othello Exit, six kilometres north of its junction with BC Highway 3 and the terminus of the Freeway. At the point of exiting at the Othello turnoff, the southern most extremity of the tenure extends 470 metres to the south, comprising all that land encompassing both bridges over the Coquihalla in that vicinity, being the Highway 5 bridge and the Peers Creek bridge, and south thereof. Northward from said exit point, Highway 5, the River and the old Coquihalla roadway, the property extends for a distance of approximately 3.71 kilometres, or, 1.3 kilometres north of the Bailey Bridge crossing the Coquihalla at the old Microwave Tower cable facility. Between Highway 5 and the old Coquihalla Roadway, these transportation facilities offer excellent access to most part of the tenure.

The property lies 130 kilometres East-Northeast of Vancouver.

# REFERENCE MAP 1

## Claim Geographical Location



## **Summary & Conclusion**

Exploration during the reporting period involved a controlled drainage sampling program in effort to trace precious metals to their source. Select areas along a 4¼ kilometre stretch of the Coquihalla River were partitioned to determine whether or not the presence of particle gold was the result of migration from a point or points further upstream or if liberated from a bedrock source along one of the contact zones cutting the property. Under a special arrangement, twelve individuals forming six groups, assisted in the study program. Each group was assigned a specific area in which to conduct mineral recovery operations. Though not by design, group work dates were staggered, ranging between October 2010 and May 2012.

The parties named below, participated in the drainage sampling program. Each had been assigned an alpha-numerical identification, to identify location of operation and the individual's work results.

**Group #1** – Margaret (1a) & Brian (1b) Laxton;

**Group #2** – Justin Rybak (2);

**Group #3** – Shirley (3a) & Dale (3b) Blaine;

**Group #4** - Dios Gilbert (4a) & Rick Weise (4b);

**Group #5** - Darin Schular (5a) & Gregory Schular (5b);

**Group #6** - Brian Ellis (6a), Don Hardy (6b) & Kyle Lochorderf (6c).

Each Group member was to secure two, 20 litre buckets of classified (to 9mm) gravel ore, taken from a depth of 50 cm or more, and thereafter, carefully pan the concentrates to recover all visible values of gold. Whereas Group #1's operation span over a two-day period, their quota was set at five buckets between the two. Each group was asked to be extra meticulous in processing the sample matter, so as to not skew the integrity of the study. The screened fractions were hand panned, then rated for the amount, size and abrasion factor, of visible gold particles.

The author also conducted reconnaissance exploration on three areas of the property, the reporting of which, will be addressed later, herein.

October 23<sup>rd</sup> and 24<sup>th</sup>, 2010 - - Group #1 focused on gathering and processing the assigned quota at the corresponding location illustrated on Map 2, hereto in following. Each party member processed two and one half buckets of classified material.

August 9, 2011 - - the individual of Group #2 processed his quota from the corresponding location noted on Map 2.

August 10, 2011 - - Group #3, performed the noted drainage sampling at the corresponding location also illustrated on Map 2.

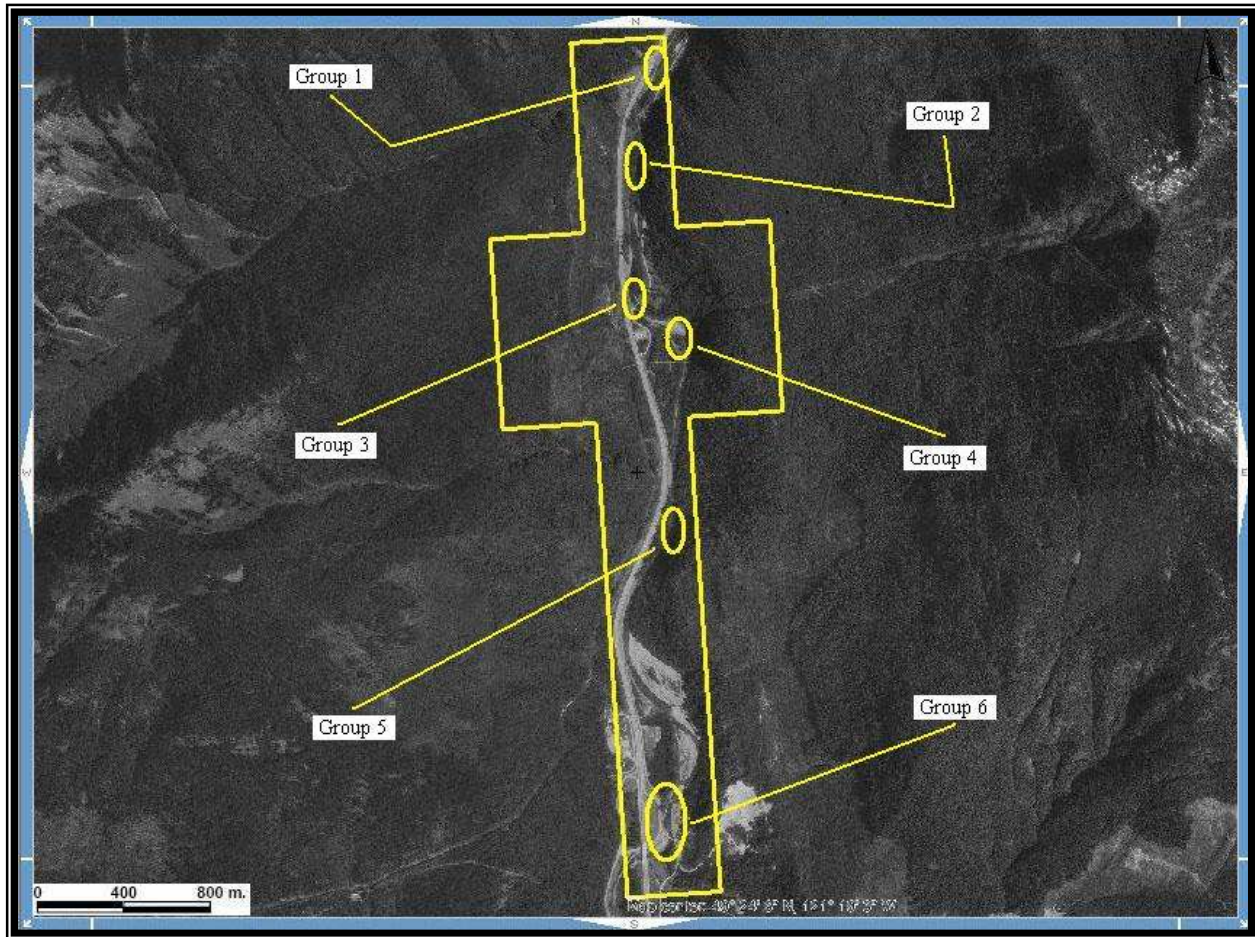
August 27, 2011 - - Group #4, performed the designated drainage sampling at the corresponding location noted on Map 2.

September 10, 2011 - - Group #5 processed the required volume at the corresponding location noted on Map 2.

May 25, 2012 - - Group #6, a party of three, processed their quota at the corresponding location noted on said Map 2.

## Map 2

### Drainage Sampling Locations



Scale 1:20,000  
Map 092H Excerpt  
Tenure Coordinate Reference  
121° 24' 06.2" W Longitude – 49° 19' 03.3" N Latitude

..... continuation of Summary & Conclusion

For evaluating gold particles found by the member groups, they were asked to rate the particles according to abundance, size, and where possible to tell, the degree of travel abrasion .

**Gold Particle Legend:**

- Group #            Group and Member ID
- Count             Estimated visible Particle count
- VF                 Very Fine or Extremely Fine particle size – Estimated Content
- F                    Fine particle size - Estimated Content
- 1mm +             1 millimetre to 2 millimetre
- 2mm +             2 millimetre and over
- S Nug              Small nugget
- M Nug              Medium size nugget
- L Nug              Large size nugget
- Abrasion           L = Mostly coarse sharp edges / M = Less than 50% rounded edges / H = No sharp edges

**Recovery results, tallied from the aforementioned sampling program.**

Group #	Count	VF	F	1mm +	2mm +	S Nug	M Nug	L Nug	Abrasion
1a	250+	xxx	xx	27	14	-	-	-	H
1b	200+	xxx	xx	11	19	1	-	-	H
2	130+	x	xx	4	7	-	-	-	?
3a	74	xx	x	2	1	-	-	-	H
3b	22	xxx	x	0	3	-	-	-	?
4a	100+	xx	x	0	0	-	-	-	?
4b	80+	xxx	x	1	0	-	-	-	?
5a	90+	xxx	xxx	5	7	2	-	-	M-H
5b	120+	xxx	xxx	30+	2	-	-	-	H
6a	150+	xxx	x	2	3	-	-	-	?
6b	300+	xx	xxx	9	13	2	-	-	H-M
6c	250+	xx	xx	10	4	1	-	-	M

In interpreting the results of the drainage sampling survey, taking into consideration river energy and the physiology at and upstream from the varied points of sampling, from the abundance of particles reported, it much appears there may lie a bedrock source upstream from Group 1’s and Group 6’s activities. Of the remaining Group areas, it is felt the gold encountered had been transported through normal river flowage. Further investigation will be engaged in effort to locate potential sources.



..... continuation of Summary & Conclusion

**Examples of Project Areas**





..... continuation of Summary & Conclusion

### **Exploration by Author**

On August 17, 2010, the author conducted reconnaissance exploration on the west side of BC Highway #5 along the area known as Railway Creek, as illustrated on Map 3, in following. Due to thick tree and brush cover, there had been some difficulty finding the actual creek bed, had fundamentally dried up. The traverse was made to the 320 metre, closely examining rocks, outcrops and bedrock along the stream's strike. The author found nothing worthy of securing samples from, for further microscopic examination.



*Nine Mile Creek*

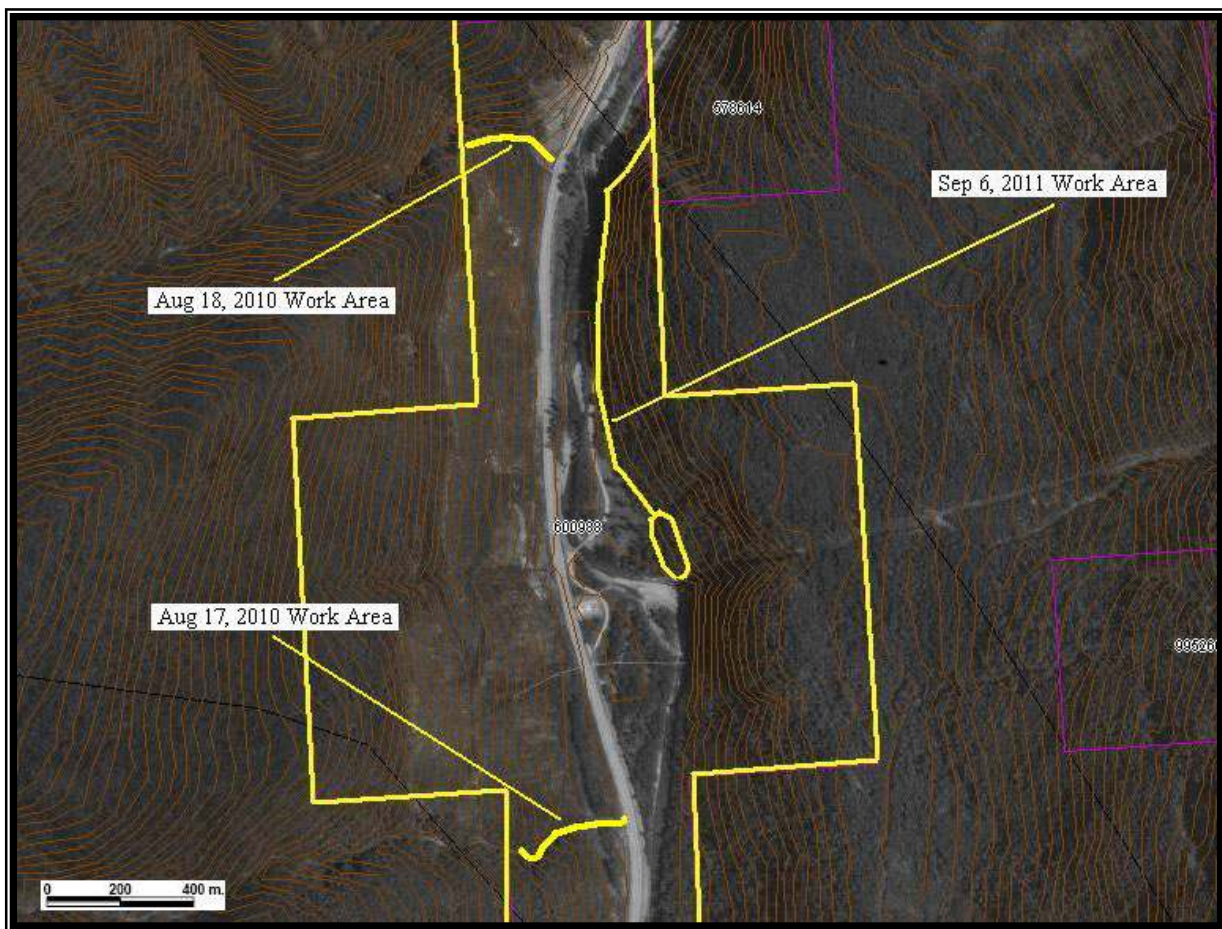
On August 18, 2010, the author again conducted exploration on the west side of BC Highway #5, on this occasion, upslope along Nine Mile Creek, of which the traverse is hereto illustrated on Map 3. Though of a rather steep incline, rocks, outcrops and exposed bedrock extending to the 360 metre level, were examined. Limited drainage sampling had also been conducted at four points along the stream bed. Drainage samples were acquired from four of the several small pools at the base of mini waterfalls. At approximately the 320 metre level, a 2cm rusted quartz vein was discovered in the creek bed. Appearing to bear metallics at the contact, a chip sample had been taken.

In conclusion to the August 18<sup>th</sup> exploration, eight fine particles of gold had been panned from the estimated ten litres of creek gravel. A specimen from the chip sample was viewed under 40x magnification, which showed the metallic seam to hold copper mineralization and trace gold.

..... continuation of Summary & Conclusion

On September 6, 2011, the author conducted reconnaissance prospecting along the base of the mountain range on the east side of the Coquihalla River, over the corresponding traverse illustrated on Map 3, hereto in following. This included a more thorough examination of what appeared as an earlier small-scale open-pit mining operation (encircled at the southern end of the noted traverse). All prior, and subsequent, extensive research into the area, failed to hold documentation of such an operation, therefore, little is known in that regard. Other than the sedimentary host rock, no other mineralization could be found in the old tailing piles. It was concluded whatever the mineralization, it must have lie at a shallow depth, unless the prior operator or the Ministry had previously filled a shaft. This area remains on the agenda for further investigation. Prospecting along the mountain's base just within the tree-line, followed northward over said traverse. Oddly, no vein exposures were encountered, and therefore nothing of significance to report. The tenure was renewed to further investigate the geology along the Contact zones.

**Map 3**



**Scale 1:10,000**

**Attending Parties & Experience:**

<b>Brian Laxton</b> - Foreman	14 yrs exp.	Oct 23-24, 2010	2 days @ \$350.00	\$ 700.00	
Accommodations		1 night @ \$70.00		\$ 70.00	
<b>Margaret Laxton</b> - Labourer	11 yrs exp.	Oct 23-24, 2010	2 days @ \$225.00	\$ 450.00	
Accommodations		1 night @ \$70.00		\$ 70.00	
<b>Justin Rybak</b>	7 yrs exp.	Aug 9, 2011	¾ day @ \$225.00	\$ 168.75	
<b>Dale Blaine</b> - Foreman	6 yrs exp.	Aug 10, 2011	½ day @ \$350.00	\$ 175.00	
<b>Shirley Blaine</b> - Labourer	6 yrs exp.	Aug 10, 2011	½ day @ \$225.00	\$ 112.50	
<b>Dios Gilbert</b> - Foreman	17 yrs exp.	Aug 27, 2011	½ day @ \$350.00	\$ 175.00	
<b>Rick Weise</b> - Labourer	12 yrs exp.	Aug 27, 2011	½ day @ \$225.00	\$ 112.50	
<b>Darin Schular</b> - Foreman	3 yrs exp.	Sep 10, 2011	¾ day @ \$350.00	\$ 262.50	
<b>Gregory Schular</b> - Labourer	3 yrs exp.	Sep 10, 2011	¾ day @ \$225.00	\$ 168.75	
<b>Brian Ellis</b> – Foreman	12 yrs exp.	May 25, 2012	½ day @ \$350.00	\$ 175.00	
<b>Don Hardy</b> - Labourer	8 yrs exp.	May 25, 2012	½ day @ \$225.00	\$ 112.50	
<b>Kyle Lochorderf</b> - Labourer	2 yrs exp.	May 25, 2012	½ day @ \$225.00	\$ 112.50	
<b>Meals for all above individuals - - - - Not Claimed</b>				\$ .00	
<b>Sub Total</b>				<b>\$ 2,865.00</b>	
<b>Larry Amey</b>	31 yrs exp.	Supervisor	Aug 17, 2010	1 day @ \$500.00	\$ 500.00
		Supervisor	Aug 18, 2010	1 day @ \$500.00	\$ 500.00
		Supervisor	Sept 6, 2011	1 day @ \$500.00	\$ 500.00
		Accommodations	N/C		\$ .00
		Meals	N/C		\$ .00
		Vehicle	3 trips totaling 155¾ km @ \$1.60 km all in		\$ 249.20
		Report .....			\$ 400.00
				<b>Total</b>	<b>\$ 5,014.20</b>

NOTE: This Report has been prepared for, and on behalf of, Sarah Della Lila Amey, FMC 206187.

August 9, 2012



prepared by  
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FMC 145191



### Map 4

#### Contour Map of Tenure Area



Scale 1:30,000