

REPORT ON STENVOLD PROPERTY

Coquihalla, B.C.

*McBlair*Introduction:

This property was examined on October 5th, 1954 in company with the owner, A. Stenvold of Princeton. Most of the day was taken up in walking over the claims to look at various showings to the south of the main camp. In the evening the tunnel was examined. Surface workings over the tunnel had been reported on by earlier examiners and were not checked this trip.

Location & Access:

The property is located close to the C.P. Railway about three miles north of Coquihalla station in Nicola Mining Division. Latitude is about $49^{\circ} 41'$ north, longitude $121^{\circ} 01'$ east.

Simplest access is by railway where a flag stop at mile 14.2 out of Brookmere is only about $1\frac{1}{2}$ miles from Stenvold's cabin. A trail leads off to the west from mile 14.5 and follows about a mile up along the south side of a small creek to the cabin. The oil pipe-line service road lies to the east of Coldwater River about a mile from the railway track. Stenvold has applied for government assistance to ^{connect} ~~convert~~ this road with the trail to his cabin. This would give him direct access by light vehicles as far as his cabin. The showings are some distance above and to the south of his cabin. While some rock is exposed which would cause some difficulty, no part of his claims could be considered in accessible to roads. The claims lie in an area for which a forest management licence application has been made by Nicola Valley Sawmills and since considerable good timber occurs above the burn of the ^{east} ~~best~~ facing ^{slope} ~~stope~~, it is possible that further development of the timber will make his upper showings more accessible.

Regional Geology:

The claims are underlain by granodiorite of the Eagle Batholith. The eastern contact of this rock is less than a mile distant. The Copper-molybdenite property known as Independence Group is less than 5 miles away in a

south-easterly direction. Many other projects are related to the Eagle Batholith for a distance of 40 miles or so along its strike to the south east carrying gold silver, copper lead and zinc. To date none has been developed to the stage of production.

Claims and How Held:

According to Mr. Stenvold's advice and a sketch of his ~~ground~~^{ground}, eight claims are held in good standing by right of location. No check of the status of the ground was made at the Mine recorders. Assessment work was being done to be applied for the current year.

The claims held are as follows.

- Stonewall #1 M.C.
- " #2
- " #3
- " #4
- " #5
- " #6
- " #7
- Coldwater M.C.

The camp and principal workings lie on the Coldwater claim. Other workings examined lie on Stonewall #2 and Stonewall #3 Claims.

Description of Workings:

The principal working on the ground is the tunnel on the Coldwater Claim about 600 feet up the Creek from the cabin. This tunnel extends for 305 ft in a southerly direction and has two cross cuts to the left at 230' and 255' and one to the right at 240' each about 50 feet long. The one to the right has recently been extended another 12 feet and the muck ~~removing~~^{resulting} is spread on the floor of the main tunnel. When examined, a cave of surface material at the portal prevented access by the rail car but ample room over the pile of muck permitted entrance.

This tunnel is in the regional granodiorite for its entire length. The last 100 feet or so is more or less mineralized where it approaches the contact of an andesite dyke which parallels the tunnel on the right side. The cross

cut right shows this dyke to be about 20 ft. horizontal width with a 40 degree slope to the west. Both contacts show concentrates of sulphides of lead and zinc. The cross-cuts to the left are mainly in granodiorite but both show mineralization at the faces. The most southerly cross cut touches another andesite dyke with a north-south strike and a slope to the west. The contact zone of this dyke limits the zone of mineralization to about 5 feet wide. On the hill above the tunnel a string of open cuts extends for about 700 feet in a south-westerly direction. These are shown on a map of Stenvolds prepared by M. Guiguet for Quebec Gold in 1946. These workings were not checked as to geology or accuracy of location by the writer.

The best of these cuts lies 85 feet above the main tunnel level at a point 150 feet from the portal and 30 feet east of the centre line. Further geological study of the surface workings would be necessary to ascertain whether the dyke contact mineralization in the main tunnel can be related to the mineralization in the large cuts. The other 5 cuts shown which are strung out along the trail are smaller. All apparently show slight mineralization. The most ^{distant} constant one, shown to be 247 feet above the level of the ^{portal} ~~portal~~, carries a zone of light mineralization, also on a north-south dyke contact.

From the cabin a poorly blazed line extends in a south westerly direction for about half a mile to a series of workings on Stonewall #2 Claim. There are seven cuts here on the shoulder of the hill which follow a ^{Schistose} ~~schistose~~ zone in the granodiorite which has a north-westerly strike for about 200 feet. Some zinc and lead mineralization could be seen but assays showed it to be sparse. At the lower end of the zone a vein with a north-east strike composed of a few inches of quartz cuts off from the zone. Values of ^{from} ~~for~~ 45 to 75 ounces of silver have been obtained from this vein. Traces of chalcopryrite and some tetrahedrite can be seen, giving the vein a copper grade of about 2.5%. The narrow widths of from 2 to 4 inches reduce the ore making possibilities of this vein.

Proceeding for about another half mile in a south easterly direction along the shoulder of the hill, a well defined ravine ^{with a creek} is encountered. Following down this ravine several old workings occur with traces of zinc mineralization. Assays show principal values here to be in silver. All of the workings containing mineral which were examined lay on the contact of monzonitic and andesitic dykes in the coarser granodiorite. The strikes of these dykes were north-south.

Sampling and Assays:

The following tabulation list assay certificates held by Mr. Stenvold and show results of recent sampling by the writer under the heading "Granby." Samples No. E6017 to E6021 are from workings on Stonewall #2 claim. No. E6022 and E6023 are from two cuts on the creek on Stonewall No.3. E6024 and E6025 are from the main tunnel.

<u>Sample No.</u>	<u>Mark</u>	<u>Date</u>	<u>Sampled by</u>	<u>Description</u>	<u>Width Ft.</u>	<u>Au. oz/T</u>	<u>Ag. oz/T</u>	<u>Pb. %</u>	<u>Zn. %</u>	<u>Cu. %</u>
	Stenvold	June 19/39	W.R. Lindsay	None.	-	.07	66.27			
541		Aug 13/46	M. Guiguet	Face No.1 x C W	1.5	.01	0.7	0.6	2.2	
542		"	"	Collar No.2 x C	EO.3	.02	1.2	0.3	3.8	
543		"	"	No.1 Cut centre	7.0	Tr.	1.8	0.2	8.8	
544		"	"	No.1 Cut N.End	11.0	Tr.	1.0	Tr.	4.3	
545		"	"	No.1 Cut S.Eng	6.0	.01	.7	0.2	2.5	
546		"	"	No.6 Cut	4.6	.01	Tr.	0.3	0.5	
547		"	"	No.4 Cut Grab		Tr.	0.2	0.2	0.3	
548		"	"	No.2 Cut	4.2	Tr.	0.2	0.3	4.6	
2610M	Coquihalla	Sept. 2/48	Hedley Mascott			.01	.72	1.80	4.46	
5207	Stenvold	Dec/48	Hedley Mascott	No.6 Pit #10 + 15' to 20'						
										.10
8				" 20' to 25'	5'					.38
9				" 25' to 30'	5'					.50
10				" 30' to 35'	5'					.16
11				" 35' to 40'	5'					.40
12				"#6+ 20' to 25'	5'					.10
13				" 25' to 30'	5'					.55
14				" 30' to 35'	5'					.35
15				" 35' to 40'	5'					.50

Sample No.	Mark	Date	Sampled by	Description	Width Ft.	Au. on/T	Ag. oz/T	Pb. %	Zn. %	Cu. %
216	Stonewall	Dec/48	Hedley Mascott	2.5' x 2.5'					.85	
				No.1A Pit Area						
17	"			Ox. veinlet	0.7'			10.20		
18	"			Veinlet 0'-5'	5.0			.70		
19	"			" 5'-10'	5.0			.40		
20	"			" 10'-13.5'	3.5			.36		
21				No.1B.PitWend				.30		
22	"			" 5'-10'	5.0			.80		
23	"			" 10'-14'	4.0			Tr.		
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5224	Stonewall	Dec/48	Hedley Mascott	No.2 Pit	0-5'	5.0		2.10		
25					5'-10'	5.0		.24		
26					10'-15'	5.0		Tr.		
27					15'-20'	5.0		Tr.		
28				Bend to 5'	5.0			.44		
29					5'-9'	4.0		1.25		
30				N. End to 3'	3.0			2.20		
31				S. End 3'-8'	5.0			Tr.		
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1		Aug.22/53	Stenvold	None		Tr.	.4			
2		"	"	"		Tr.	.3			
3		"	"	"		.02	10.8			
4		"	"	"		.04	45.4			
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Lot 625		Sept.29/53		C M & S		.04	74.8			2.5
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E6017		Oct.5/54	Granby	2'Dyke and schist	2.0		Tr.	Tr.	Tr.	
18		"	"	N.Wall trench						
					0-5	5.0	.30	Tr.	Tr.	
19		"	"		5-10	5.0	1.00	Tr.	Tr.	
20		"	"		10-14	4.0	.90	Tr.	.10	
E6021		"	"	Narrow quartz, vein	0.2	.12	58.80	Tr.	.20	2.55
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E6022		"	"	N.Cut Creek	1.0		1.20		.40	
6023		"	"	S.Cut on Creek	6.0		2.70	Tr.	.50	
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E6024		"	"	N.Wall No.1 x C E	5.0		.20	Tr.	2.90	
E6025		Nov/54	Stenvold	Grab from Raise	-			Tr.	.50	

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