822960

BEAR : Au, Ag 182 : Augete Porphyny l. Junanie Ross land Fm, in druded by Grante puppy dyps (l. Cret. nelson Plut.) : a min maliged veri of creshed wall rock & quanty runs along zone of contact; pyrite tree Au with min silver values

1937-42	Tonnes Mineo	MILLED	Au z	A 9	- 0	Cu, Pb, Zn, Mo
Total	114	0	4167	1897		
		9. gam (s)		(,)	/	an a

184 CANADIAN BELLE: An, En, Pb, Cu, Ag 2 4703 : ang illacens seeks (Juanie Hall Fm) intruded S of unkings they mans of granite rock (Nelson Filler Batholith) which have tongue seds : many places seeks alt and E renchaed schotase = difficult to distinguests : along shears & Frack, 9 & sulfide - arseno sp py, po & cp and Filling & uplace wall rock

1939,40	Tonnes Mined	Milled	Cold g	Ay y	Cu kg	0-165 Zn, Mo	
	24	0	840	280	2.2		

1896-1942 TONNOS MILLEO Au g Ag g O-Cu, P6 En Mo MINEO 11,277 8619 196,448 16515

186) ASS: 2598, 3719, 57221, 6139, 3303, 3304, 4029

EupitRATES : Au, Ag, Pb, Zn, Was and the second of the 186 : De accompanies galene' sph, cp, py & rests of scheelete all m'a q. ganque : some some Au in wellrocks deposit is some a more poorly defined shear zono with stringers & bunches of q; \$1461 Holder : tisstere - filled vein's in Ross land Fm any ite parphing & Andrate ; prallel schistor by dip both Il & cutting \$185 GOLDEN AGE : see Tonnes Milled DAug Az 5 Pb kg Zn Mined 307 10 14,401 76,543 8,246 5,287 P6 kg 1928-60 10 years O - En, Mo B& PMI 1 18 and Hoding MOVKIL & & bo lebger, wing UI Is the Hoky : CLAIMS A #1 to 8 2598 : Euphrates one zone issisted extends at least 2000 ft Ass : No down the mountain , 3 new one zone found - No : Rossland Voles : boliation N40° w / dy Sw : light coloured dyke of mainly play. may 14 It wale hosts Nichel Plate ven : muieralijationi lenses 3 miches to min 9 fact : soil survey land ant NSO'E to cover "Structures (major) If and photos ; 197 samples : Total heavy metal 100 to 200 ppm 10 samples; rest rul : 2 major structure an property Nroch , 2 mile trace on either side of Salmo Rove = main Eughrate vern : Myner gas stille N : me neu ne zone ~ 1300 ft long?, NE strike 3719: A 168, P14 165 : soil : 50 ft intervale ; heavy metal, seller casses Cu hyper 350 ppm Hy highest 3565 pps : highest by 4.0 pm 24 sample to + 400 pp 5 the 5721: Very detailed ; maps underground. : bedens strong affinity to sph .; Pyrete internate à Assa arseno. : Mature Are, largest 1 mm long plate, in tract. Il to veen walls : Matine Ag in small vuyo, "on or. E galena of py-ansens, galena - sph, cp, Ar, Ag

HARRIET : Au, Ag 188 ! Fire greenstone (Rossland); two veris vary from a crack to 25 cm, white g with a little chlacke, occasionally py : moderately come free the may occur is mill q E little rest

1936-41 TONNES. MILLED Ang Az g O-C., PS, Za, Mo MINED

144 0 10,265 1772

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			Ang/t		
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	?	alizzon	0.094 0. 3 25	4.06	
			6.085 tes	2.08	
			0.033	3.01	
с. 			0.096	6.62	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
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and the second

(189) 7702 PORTO Rico : Au, Az, Cu, W, Pb, Zn PUERTO RICO : q-filled fissure NE, 189 : q-filled fissure NE, dirter strike 2412215 B 2 2385-39 Barbang 2388 dip 45° NW, m'augete feld p. : country rock of angets prophyry & sill of Alpha sunshine] aight feld. pophyng ed . : vani ave. 2 ft weder, weth py, Au (~ 103) ton mi stoped areas). -adits mh 2385 C. Kg MILLED Ang Ag 5 1897 - 196**9** 7. NNES MINED (12 years) I yeve nath mill 5,740 5,528 177,568 43,575 322 clean-up 138 kg Pb & 51 kg Zn in cleaning; O Mo 7702: map; propyletic alteration antoide claim. MMAR : 1897 41 tons shipped \$76.25 per ten ven N50° ~ / 42° NW; all trace of ven lost 1922 on surface; sample at showing of andres van sulfide in g gangue 0.02 3 Au, 0.3 3 by 1 V

References: Drysdale, C. W.; Geol. Surv., Canada, Mem. 94, Ymir Mining Camp, pp. 128-137 (1917). Ann. Rept., Minister of Mines, B.C., 1922, p. 207.

This property comprises a group of five claims, owned by E. Wragge of Nelson. It lies at the head of Barrett creek about 7 miles by road from Porto Rico siding on the Great Northern railway.

The property has been described fully by Drysdale and as almost no work has been done on it since, and as some of the workings have caved, less information is now available than at that time. Only a brief description will, in consequence, be given here and the reader is referred to Drysdale's report for more complete details.

The property was worked in 1898-99 by the Canadian Pacific Exploration Company and yielded \$56,511 or about \$17.21 a ton of ore milled. It was worked under lease by G. H. Barnhardt in 1903 and yielded about \$16,000, representing a value of \$17 to \$18 a ton. The last work recorded was in 1915 when about \$1,000 worth of ore was recovered by Smith Curtis. Recently, the property has been worked by lessees, but the writer has no record of shipments.

The vein on this property is a quartz-filled fissure striking north 50 degrees east and dipping 42 to 45 degrees to the northwest. Associated rocks comprise augite porphyry and a sill of augite-feldspar porphyry and the productive part of the vein is in the latter. The vein averages 2 feet in width and is mineralized, chiefly, by pyrite with values mainly in gold. Free gold has been reported but was not seen by the writer.

The vein is developed by four adits and a number of open-cuts, extending in all about half a mile from the apex of the vein on the summit down the hill towards Barrett creek. A lower adit, known as No. 6, has also been driven but is reported to be off the vein. It had caved at the entrance and could not be examined. Of the other adits, No. 3 is the only one now readily accessible. No. 4 is caved at the portal and the vein has been stoped from No. 3 to the surface. The stope has been left open and prevented an examination of the remainder of the higher levels. No. 3 adit developed an ore shoot 450 feet long that has been stoped above the level. The hanging-wall of the vein in this section is a

fine-grained, cherty, augite kersantite dyke about a foot wide. The vein varied along the level from 1 foot to 3½ feet wide. About 50 feet from the face it is lost in a sheared section of the country rock containing many seams of calcite, but appears to have deviated toward the hanging-wall side. About 330 feet from the portal a winze had been sunk by recent lessees but was full of water. It is reported to be 20 feet deep and to have discovered ore.

No. 4 level is reported to be off the vein but to have been driven parallel with it for 358 feet and to have followed small bunches and stringers of quartz and calcite for 90 feet. The level, it is reported, has not been driven far enough to get beneath the ore shoot stoped from No. 3 level.

The apex of the vein is exposed by open-cuts at the summit of the hill. The most southwesterly cut failed to locate the vein, but farther northeast and along its strike two other cuts expose the vein and there it is 2 and 3 feet wide, respectively. The vein exposed in these cuts was traced down the hill by outcrops and float to a point opposite the entrance to No. 1 level. Here it was found to be offset about 50 feet to the south of the vein exposed above the portal of No. 1 adit. A cross vein in No. 1 adit, just southwest of the stope opening referred to above, is reported to strike towards these outcrops but could not be seen on the surface. As the Porto Rico vein is reported to be lost towards the end of the upper workings, it is possible that the vein shown in the open-cuts is not this vein, but one en échelon with it and extending farther northwest. Only low gold values have been obtained from the open-cuts, but further surface prospecting should be done to prove the relations of the vein exposures there to the main vein as developed underground. The matter has a considerable bearing on the future of the property.

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ENDEr 190 SPOTTED HORSE : A. , A. ; A. , Py , galance : = same of filled Lissure occurring . 65375 on Porto Rio; augite pophyny & augite fill paphyny selle; productive part in sell : mineral ation by & Au ; are welch = 60 cm : see also Porto Rico # 189 MILLED Ang Ag g O- Cu, PS, En, Mo Tonnes MINED 1901,03,1937 2083 1649 To tal 0 47

(21) Spotted Horse Claim GSC MEM 191

This claim is northeast of the Porto Rico group and is owned by E. Wragge of Nelson. The workings consist of one small open-cut and a short adit.

The country rock is augite porphyrite of the Rossland Volcanic group. The open-cut is a few hundred feet from the road to the Porto Rico camp at the side and near the head of one of the branches of Barrett Rico camp at the side and near the head of one of the branches of Barrett creek. It exposes a quartz vein composed of two stringers of quartz separated by country rock. The stringers strike north 75 degrees east and dip at 65 and 55 degrees, respectively. At the top of the cut the northwest stringer is about 2 inches wide, but pinches towards the bot-tom of the cut which has a face about 5 feet high. The southeast stringer is 2 to 3 inches wide and at the bottom of the cut is a foot from the other stringer, whereas at the top of the cut the stringers are $2\frac{1}{2}$ feet apart. The country rock between the two stringers is slightly sheared. No sign of sulphide mineralization was seen. The adit is in the bed of the same stream, immediately below the road, and is about 150 feet long. The deposit consists of a number of veinlets traversing the rock in a shear zone that has no definite walls. The general direction of the zone is south 70 degrees east and the dip is 55 to 60 degrees to the northeast.

The general direction of the zone is constructed and the portal and has this attitude. It is 6 inches wide and pinches out within a short distance in the adit; but, farther in, are a number of stringers running in different directions. Some are of quartz and others, particularly those running across the direction of the shear, are of calcite. The zone appears to be 3 to 4 feet wide, but the only definite wall appears at the face where a well-marked plane, with the attitude given above, forms the foot-wall of the shear zone. No sulphides were seen, but according to Mr. Wragge thin plates of native gold are found in the small stringers. It is reported that 17 tons were shipped from this working and averaged \$21 in gold.

1926-42

200 CLUBINE - CONSTOCK (BOULDER CITY) . Au, Ay, En : Augite Androite por physing & Andrik (Ross land) out by Lamprophype dy originations in long intrusine stack (Relan Granete) : along dykes Hanging hall a vein of 2 manily breccated, containing various amounts No E minor cp, galance, sph : See also Euphrates Tonnes Mined Milled Au & Dy Zn Ky O-Eu, Pb, Mo 0 123,293 237,463 818 3,616

204 GOLD HILL : Au, Ag REST CREEK : Rossland Schoots; muenalijatur n. g. tem č py, anseno py & cp : in oxidized partion of venis malachte, az unt Coccasionally free Au

1932, 34, 42 Tonnes Minon Milled An g Ag g O-En, Pb, En, Mo 19 O 560 1027

nman 1903: 3 ft q voin, mostly frie Au, 125 free Au, 120 Cu 2-3 Az

ERIE-ARLINGTON MINE DUMPA 1975 Recoverable Reserves 68,040 BHP 0,1000 g/t cut of

1900-1970	Tonnes Mines	Micceo	Au g	Ay y Phone	PS Ly	Zn ky
				4,334,578		

0 - lu , Mo

BCDM - q veni en Canadian Queen E lou galy strikes northerly E near vertical dig

1947-1972 Tonnes Miccess Ang Ag g City P5 kg En kg Byenn Minors 5,425 O 50,916 1,818,469 170 52,597 60,230

0 - Mo

MMAR 1915: schust, agellete, some gun get - Hun bedded staly EW VN dypong 45° to formation , dy 75° N 2 to be It wite , gangue nearly identical to walk nock but a little more silica & calcute

TRIXIE : Au, A Silica 221 13848 : Au in norman que ; barren dytes forced abandonment of workings; country st Hall Fin i no through going gon structures found : drift follows veen for 50 ft. the but ron inte barren dyke

ZII) ASS 4034,4035

MAMMOTH Mo, Car, Au, Ag Z// : Nahon Batholite contact welt Andret saphyry (hois land); dyke E/n cill of Durit on Syence paphyny as elongated bands. through Andostas : skansfication very essettic enatice, associated mainalignten py, po, cp Mo; grads rafidly back into Andrate ava 2'-3' : structure general NS the Ass 4035 - Mich Mamorota & Grace ARC. M.C. : Cu, to Zn, Pb, As, Man, An Mo q low 1-2ppm Pb 20 ppm 2n 20 ppm Az bortgrund Imm may 24 A 200 002 Au - all 0.02

229) ASS 7074,7722,11670

229 STEWART, ARROW TUNASTER : War : scheelete in one a more skarn band interbedded i angelletes & other of Rossland Fre : occur Nof a wide bay in body of Granite parphyny; mineralization not closely related to granite; bet showings 100-400 m N of contact, also some fig. moly : adit : See FRESNA # 251, MAY BLOSSON #70

the MMAR : strong i lage 3 ans of contact mete. : showing & anomalies in made variety of wat types

Ass 7074: Ch Man Zn Po Ag he soils no s - de pa, a Horm hyp

11670: 277 line km EM AIRBOAN sostains defuted aside soil snabping, includes where lock ~ 30 element

291 YMIR : three small bodie of alkalenie intrus we occur

(251) Ass 7074, 7722

FRESNO, FRESNU: Mo, Au, Az (Free Silver) : See STEWA 251 : See STEWART & 229, MAY BLOSSON #3

(70) Ass 7074, 7722, 11670

70 MAY BLOSSOM : Au, Ag, PS ; galina, py, sphalacto 2.5666 : fissure veri at contact of monzonite chanolith é augite porphyrite of Eorene or later : streak of quanty = py & galens SER also STEWART # 229

(179) Ass millisted

179 GOLDEN EAGLE : Au, PS, Zn, Ag Sun Fruct.; T.S. : 2- filled fissue vens in fg non posphyrite Granche (l'Cretaceou), neson Plutance se : q contains pockets acceled te sulfide one good An values uported : adjoining to of VMIR GR. & Rossians Fm

PRODUCTION

	Toneres Mineo	Tonnes	Mickeo	Au 9	Ay 9	P5 Kş	Rus
1925-40	42	0		823	2768	1742	952
(bolden Eagle) 1948 - 58		e a un cleanada militado lasteda i victora la grada		3128	1617	326	130
(sun Fract)	e de la company de la companya de la compa	ada <mark>9</mark> para dina. Arte: teter of chia refin	in lesquetad d'adopted de tracted	951	4385		7.5

O Cu, Mo

0

2

37

Au, Ag,

62 62

0 - Cu, Pb, Zn, Mo

180 BALTIC: An, Ag

PRODUCTION TONNESMINED MILLEO

1939, 1940

GOLD KING : Au, Cu, Az 181

7

L 12411 : Andrite & Augite paphynits (lavar J Rossiano Fm) in places are severely sheared & others quite massive i questy veine & shear zones conging veinlets of questy E PY, CP & Free Ar.

TOMMES MILLED Any Ag Cuky OB Zn, Mo

0 341 621 51

1931-40 Total

(24) Gold King Group GSc men 191

The Gold King Group of nine claims, owned by J. E. Fisher of Hall and associates, is on both sides of Hall creek and adjoins the property of the Fern mine on the west and north. The road up Hall creek to the Fern mine continues to the Gold King cabin.

mine continues to the Gold King cabin. The country rock consists of andesites and augite porphyrites of the Rossland Volcanic group. In places these rocks are severely sheared and in others quite massive. The mineral showings consist of quartz veins and shear zones carrying veinlets of quartz, with pyrite the chief ore mineral; in places copper minerals also occur and free gold is reported, by Mr. Fisher, to have been obtained from some of the showings. In general the mineral showings are isolated exposures and insufficient work has been done to trace the continuity of the various deposits. The workings on the main vein, on the Gold King claim, were inaccessible at the time of the writer's visit.

The Gold King vein is exposed in a cut just below the cabin in the south bank of Hall creek. The elevation of the creek at this point is about 3,850 feet. The lead consists of a shear zone 17 inches wide, with about 6 inches of sparsely mineralized quartz on the hanging-wall. It strikes north 30 degrees east and dips 80 degrees to the northwest. Just across the creek a shaft has been sunk on the vein and a drift run for 50 feet southwesterly back under the creek from the bottom. These workings were inaccessible. A little north of the shaft an adit, 50 feet long, has been driven into the hill, northeasterly on a narrow shear zone containing 4 inches of mixed quartz and sheared country rock; the quartz is rusty, but otherwise there is little evidence of sulphide. Towards the face the quartz appears to be dissipated along joint planes in the country rock rather than confined to the shear zone.

About 500 to 600 feet along the strike of this vein zone four opencuts expose narrow quartz veins in what has been assumed to be a continuation of the same zone. The area intervening between these and the Gold King workings is heavily drift covered. From the attitudes of the veins in these cuts it is apparent that they are small gash veins in the volcanics and it is doubtful if they are the continuation of the Gold King vein zone.

About 500 feet northerly from the shaft another adit has been driven 65 feet on a narrow shear which is nearly parallel to the Gold King vein. The shear strikes north 40 degrees east and dips 80 degrees to the northwest. It is 3 to 4 inches wide and, in places, carries quartz stringers; in other places there is little or no quartz. Both the quartz and the sheared country rock are well mineralized with pyrite. Values up to \$15.40 a ton in gold across 4 inches are reported to have been obtained from this working. About 50 feet above the adit and, possibly, 60 feet horizontally from it along the strike of the shear, a bunch of quartz $3\frac{1}{2}$ feet wide and about 10 feet long appears in a cut. Three feet from this, on the foot-wall side of the cut, is an 8-inch vein of quartz and at a similar distance on the hanging-wall, a narrow stringer of quartz from which Mr. Fisher states he has obtained free gold.

Two other small stringers occur at 10 and 20 feet east of this showing. These average a couple of inches wide, strike about north, and dip almost vertically. They carry pyrite and some malachite. A cut 15 feet north of the large quartz bunch shows a quartz vein striking north and dipping about vertically. It is 4 to 6 inches wide at the outer edge of the cut, but at the face a few feet away its width is only 2 inches. The quartz is full of drusy cavities filled with limonite and manganese oxide.

About 100 feet up the hill and slightly to the west of the last showing is a quartz vein striking north 10 degrees east and dipping very nearly vertically. This varies from 1 foot to 18 inches wide. A few feet up the hill a short adit has been driven on this vein which there shows the same characteristics but is slightly wider, averaging about 2 feet. A few feet higher, quartz float, heavily impregnated with pyrite, occurs, but its source has not been located.

About 750 feet above the creek and northwest of the showings previously described a quartz vein about a foot wide, striking north 30 degrees east and dipping 60 to 70 degrees southwest, is exposed on a small

225 ST. LOUIS ; GREY : En, Mo, Fe L925? Dunlad A.t. 125: : Ressland Augete pophyny intuded by Nehen Connodence, between thether is : between the two & is Rossland Braz. Monganite : small oxposure Hornfalsie sed : po , py , cp m q vous 8881,9031 HUNGRY MAN : Au, La, Nichiam, En 235 64033 : Po-ruch shear zones m' sede i & vales : some seds this bedded charts & lot. - skary development is more : have pro physe dy's are numaron , may se related to minieralization : younger fig. feld (crowded) pop hyry intrus on is present - contains values in En , to , Lanthanim Gesium & neo bymum; more common mineral include arrenopy, py, cp, Sph, galara ASS 8881 - DDH on geophysical torgets - your limited extent, not intersected inducations los temperature nel alteratur - requiperant the mi case consociated à cp,py,po q anemblage ; Au annehment a netwole scherts -> but not come j - can't read amon 9031 - geophysis

ASS 116 18

164 Union: PB, Dg, Zn, An 1944 : N' tranden, fissure vein in argellaceurs quart ch : silva - lead - 3mic mmarab & lesser Au : galena sph, gld. Tormes MILLED day Ay, Pb kg En MWED 1937,46,52 31 0 187 37,945 5,019 2558

- Hunna, Acme, Top me 116 18 · NE trends Ag mor 1390 ppb, background 200.300 ppb : clumby my 3600/ 43°W : Au mox 42 ppb most ~4 ptb in ~130 Samples ; very neck Nh trendy anomally i no anor i Pb, Za, Az anoanles

5558

222 : WHITEWATER, COLUMBIN, SWOWWATER : Au, Ag L529 L3136 MUDAS L3135 TERRY REAR MC. hmogenens some local shear zone; suspect some q vas ni shears : flat blds. with q & mmon galare = dosi py Many Au, Ay volue

1890, 1932, 33 TONNES MILLED Any Az g MWED 40 0 1,151 1804

5558 : Snowwarte i Blde & float suns by Au aft As Asy Az rynte bld. 1.55 0.71 sign of float ignation 1.45 0.49 q è py 1.70 è fractépy 0.42 1,320 dionil & q & tract thy 0,195 durch é quementes 0.55 0,350 durche & Stor schist & mign 0,19 9 uns ; diss p, mon golan 0,10 0.093 0.060 mon galera 5. "

130 VANDOT, MAYFLOWER MO NO 2 : AM, AZ, PB, CD, CR, CH L1274 : ultrabosus (serpentine); chranite found where trenching & spa stropping canced out For? O Tonnes mined yet -> 74° CD. 1948

157 URAL : Au, Ag L. 2844 : Rossland Monzonite, of Nelson Butholille i mon A, Ay value Tonne miller Arg Az g mied O En, Pb, En, Mo * 1935, 1936 218 311 0 8

CASINO RED CAP, WD: An, Pb, Az, Zn 158 : number of small of bordie's lying m weak fractured 3 me in Monganite; of /nen contact of Mone. E this badded scleens seds. (Ronsland) i mi guns sparingly mainalied = py, sph 99 t aspy t anounted An

TONNES MILLED Aug Agg P6Ks Baks 1957-65 MINED 0 81,334 23,949 6,009 5,982 9 years 5,514

O Cu, mo

161 DouceAs . Pb, 2n, Az, la 22865 : tissue filled in cg/ af Sophie Mtn. Fm ganque of q E galena & sph E some py & co

1948,50	TONNES MINED	MILLED	Az g	Pb kg	Zn
	9	0	591	592	479

162 VELVET : Au, Cu, Ag, Zn, Pb : underlain by serpentivite which forms here roop pendant sun aunded by Coryell Syencte : in symite large sendette of horsland voles. : Pendant nocks and by dybes of Conyell E Nelson Plutanie sc : mu eralgation Cr & Fe sulfids & Muly m gangue of altered well se i gos q ; minor scheelike

	41660	Au , g	Ayy	Cr. A	Р5 К3	2n Ks
(((1,613 62 (yours)	0,785 6	64, 359	1, 154, 104	37	25.

LORD ROBERTS : Cu, Ag, Au [6.3 " Penn sylvania: Augete p & Lot of L12606 Int Roberts ? Fm. : magnetite, po, cp, py, bismuthant ? in gange of g, handlande & feld. : possibly result of contact meter & Meter Bathclith st; epidete, garnet mesent

7; O MILLEO OgAn, 1879 Ag 22 Kg Cu Tonnes Mined 1924

MMAR 1920: best grade in massive magnetite 54% Fe, 2.69%5

2161, 5355, 5776

always reported to be present 5355: Soilt wer Pat M.C.; no As except are substitutes. 5574: Geophysica => 2 NE trendy zones a conjudent c Cu, Pio E Zn anomilies

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Data compiled from published and unpublished reports.

Accuracy of location:

MAP NO.

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Location and name subject to revision. Data kn n to b incomplete.

Copies of this map may be obtained for \$1,00 per sheet. Orders for maps should specify the map number and letter, for example, B2F/NW (M1). Orders should be addressed, with prepayment, to the

Chief, Mineralogical Branch, Department of Mines and Petroleum Resources, Victoria, B.C.

NAME

PROPERTY NO.

MAP NO.	1	NAME	NO.	
82F/NW-	1	APEX (Ag, Pb, Zn)	2937	
	2	MOWITCH (Ag, Au, Pb, Zn)	2938	Ξ.,
	3	BOSUN (Ag, Pb, Zn, Au, Cd)	2939	
	4	HARINEY (Pb, Ag, Zn)	2940	
	5	CALIFORNIA and CLIPPER (Pb, Ag)	2941	. 200
1.19.3	6	SANDOW and SILVER BELL	2942	
	7	(Pb, Ag) IDAHO (Ag, Pb, Zn)	2943	
-	8	ALAMO (Ag, Pb, Zn)	2944	
19 (J.)	9	CONDUCTOR	2945	
10.10	10	QUEEN BESS (Pb, Ag, Zn)	2946	
	11	SILVERITE	2947	
1.1.1.	12	PALMITA	2948 2949	
in Second	14	HINKLEY	2950	5
$(-, 0) \to 0$	15	ALTOONA	2951	16
1 4 Ma	16	MERCURY	2952	
1. 1. 1. 1. 1.	17	MAJESTIC and UNEXPECTED	2953	
a thu sha	18 -	SAPPHIRE and MINNEAPOLIS	2954	
19 J.H.N.	19	XALA	2955	
i dia i	20 21	LAST CHANCE SURPRISE NO. 2	2957	
	22	FOURTH OF JULY	2958	•
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and the	24	CARBONET NO. 2	2960	·
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	29	TRADE DOLLAR and SUNSET	2965	
	30	GREENHORN	2966	
	31	ORO	2967	
	32	CHAMBERS and SHADY	2968	1
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0.1.42	35	RECO	2971	
- North	36	SLOCAN SOVEREIGN	2972	
ingen gil er	37	NOBLE FIVE	2973	
1.121	38 39	MADISON	2974	
	40	VICTORIA	2976	
1. 1.	41	DANIEL	2977	1
. HE. C.	42	ELKHORN and NEW SPRINGFIELD	2978	
11/11	43	WONDERFUL OREGON and JAN	2979 2980	
1. 1. 2	45	CORINTH	2981	
· 11, 11 16.	46	SUNSHINE	2982	1. 1
The strength	47	MINNESOTA and DIXIE HAMMER	2983	1.1
A Page 18	48 49	EVENING and JENNIE	2984 2985	
	50	MINNIEHAHA	2986	
-9111-	51	DOROTHY	2987	
a saide	52	RUTH-HOPE	2988	
	53	SILVERSMITH and SLOCAN STAR	2989	
	54	and SLOCAN CHIEF RICHMOND-EUREKA	2990	
	55	FREDDIE LEE	2991	
the second	56	NOONDAY	2992	\$2
	57	IVANHOE and ELGIN	2993	
1.1.1	58	OAKLAND	2994	
S. 49	59 60	WAKEFIELD	2995	
	61	ECHO and GRAPHIC	2997	
1 3.29-5	62	JOHNSBY	2998	
1783	63	AU (LUCKY THOUGHT)	2999	
1.14.21	64		3000	
1. S. S. A.	65 66	HEWITT METALLIC (MIDNIGHT)	3001 3002	1
1.1	67	G'ALENA FARM	3002	2.
a hat	68		3004	
	70		3005	
101- <u>1</u> 17-11	71	ROCKLAND Cu Au	3006	
1	72	SILVER NUGGET AA	3007	1
11	74	MOUNTAIN SCENERY and	3009	
<i>x</i>		MOUNTAIN CHIEF	Ag	1.5
1.1	75	HIGHLAND LIGHT and VICTOR A		
	74	DAISY	1102	(*))÷

	DAISY POZnAgan.	12 2 2 2 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1	
76		3011	1.1
77 :	COMSTOCK	3012	21 24 1
78	LOU DILLON	3013	
79	FISHER MAIDEN	3014	
80	COMSTOCK-VIRGINIA		100
-		3015	14:1 *
81	MOUNTAIN CON	3016	See.
82	GRANITE KING	3017	South 1
83	FLINT	3018	14 14
84	MARTIN	3019	11.11
85	MOWHAWK		1.
		3020	
86	UTICA	3021	241.1
87	RAINBOW	3022	Sec. 1.
88	HELEN	3023	
			15.50
89	KENO	3024	
, 90	BIG BEN	3025	1.14
. 91	MONTEZUMA	3026	115
92	BLACK BEAR		1.52
		3027	1.51
93	LIBERTY	3028	
94	CORK-PROVINCE	3029	1. 1.
95	BLACK FOX	3030	
			100
96	BISMARK and BLACK BEAR	3031	1
97	WINTROP (GIBSON)	3032	· · ·
98	NOME	3033	4.10
99	BNA	3034	1.1
			•
100	SILVER BEAR	3035	16
101	INDEX	3036	1.1
102	GLUE POT	3037	1.1
103	FAIRMONT	3038	21
			.1 1
104	CHRISTINA and VERGIL	3039	100
105	PARA	3040	1
106	REVENUE	3041	1
			. 1
107	VIOLET	3042	1
108	CABLE	3043	1.
109	BALTIMORE	3044	20 I
110	ONTARIO NO. 2 (JESSIE-	3045	- 1
		3043	
	BLUEBIRD)	12 March 12	- 11
. 111	PONTIAC	3046	S. 31
112	SCRANTON	3047	
113	SUNSET (SUNRISE)	3048	. 1
			1214
114	SILVER CUP	3049	1
115	JOKER	3050	19. B
116	BOOMERANG (RICHMOND)	3051	1
117	GOLD-GALENA and EAGLE		1
117		3052	1.4
	BANK	1.0	1.14
118	BLACK BURN and WALLACE	3053	11 I I
119	SNOWSTORM (SLOCAN CHIEF)	3054	. 1
120	SMUGGLER		1.5
		3055	1 2
121	MOLLY GIBSON	3056	1
122	ORO-FINO	3057	1
123	HUDSON BAY	3058	1 1
124	SILVER CREST and WHITE	3059	
	HEATHER		
125	SOLDIER BOY	3060	1
126	BARNETT .	3061	1
127	ALPINE	3062	8 S B
128	CPUSADER Ag Au	3063	
129	PIEDMONT (HOPE NO. 2) 2 POP	3064	
130	CHAPLEAU AU AS	3065	2.1
131			4
	HILO Au Ara Plo Zn	3066	101 7 1
132	HOLLINGER An Arg	3067	
133	ROSE AN AG	3068	
134	GOLDSTREAM and BEARPAW AL Aq	3069	
135	TAILHOLT AN		1
		3070	A. 8
136	FRACIION Ag Hu	3071 -	
	FRACTION Hight	1.1	
137	METEOR AG AN; Zn PB W	3072	영양 물
138	ELK AWAY	3073	1.1
139	ALICE E A O		1.1.1.1
	ALICE S AS PL	3074	1
140	SLOCAN PRINCE (BLACK ASB	3075	577 3
	PRINCE, TWO FRIENDS) 2	· · · · ·	1 1
141	MARMION and MARYLAND AL Aq	3076	196
142	B&R Pb Ag		
143			1.
	HAMPTON ON 7	3077 .	1.
144	HAMPTON Ba Ph Zn	3077 · 3078	
	HAMPTON Ag Pb Zn RIVERSIDE Ag Pb Zn	3077 3078 3079	1.
145	HAMPTON AS PO ZA RIVERSIDE AS PO ZA WESTMONT and EASTMONT AS POR	3077 3078 3079	
	HAMPTON AS PO ZA RIVERSIDE AS PO ZA WESTMONT and EASTMONT AS POR	3077 3078 3079 3080 3081	
	HAMPTON AS Pb Zn RIVERSIDE AS Pb Zn WESTMONT and EASTMONT AS Pb7 DALHOUSIE Zn Pb	3077 3078 3079 3080 3081	2.
146 147	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	bZn
146 147 148	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	bZn
146 147 148 149	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	bZn
146 147 148	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	b2n
146 147 148 149	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	bZn
146 147 148 149 150 151	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	62n
146 147 148 149 150 151 152	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	62a
146 147 148 149 150 151 152 153	HAMPTON AN PO 20 RIVERSIDE AN PO 20 WESTMONT and EASTMONT AN PO DALHOUSIE 20 PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE 0 20 P	3077 3078 3079 3080 3081 3082 Age	62a
146 147 148 149 150 151 152 153 154	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG AD DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG AD A PA MABOU and OHIO AG AD BOND HOLDER AG PB SPECULATOR PB AD ZA ARLINGTON AG PB CA ZA AM LILY B AG PB CM	3077 3078 3079 3080 3081 3082 Age	bZn
146 147 148 149 150 151 152 153	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG AD DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG AD A PA MABOU and OHIO AG AD BOND HOLDER AG PB SPECULATOR PB AD ZA ARLINGTON AG PB CA ZA AM LILY B AG PB CM	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3086 3086 3087	bZa
146 147 148 149 150 151 152 153 154 155	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG AD DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG AD A PA MABOU and OHIO AG AD BOND HOLDER AG PB SPECULATOR PB AD ZA ARLINGTON AG PB CA ZA AM LILY B AG PB CM	3077 3078 3079 3080 3081 3082 4085 3084 3085 3086 3087 3088 3087 3088 3087 3088 3089	62a
146 147 148 149 150 151 152 153 154 155 156	HAMPTON AG PD ZA RIVERSIDE AG PD ZA WESTMONT and EASTMONT PG PD DALHOUSIE ZA PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG (PD ZA PAC MABOU and OHIO AG (PD ZA MABOU and OHIO AG (PD ZA ARLINGTON PG PD ZA ZA PA ARLINGTON AG PD ZA ARLINGTON AG PD ZA ANNA AG PD ZA ZA PD OTIAWA AG PD ZA PL IAMARACK AC PC	3077 3078 3079 3080 3081 3082 406 3083 3084 3085 3086 3086 3087 3088 3089 3089 3090	62a
146 147 148 149 150 151 152 153 154 155 156	HAMPTON AG PD ZA RIVERSIDE AG PD ZA WESTMONT and EASTMONT PG PD DALHOUSIE ZA PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG (PD ZA PAC MABOU and OHIO AG (PD ZA MABOU and OHIO AG (PD ZA ARLINGTON PG PD ZA ZA PA ARLINGTON AG PD ZA ARLINGTON AG PD ZA ANNA AG PD ZA ZA PD OTIAWA AG PD ZA PL IAMARACK AC PC	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3086 3086 3087 3088 3089 3090 3091	⊳2n
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146 147 148 149 150 151 152 153 154 155 156	HAMPTON AG PD ZA RIVERSIDE AG PD ZA WESTMONT and EASTMONT PG PD DALHOUSIE ZA PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG (PD ZA PAC MABOU and OHIO AG (PD ZA MABOU and OHIO AG (PD ZA ARLINGTON PG PD ZA ZA PA ARLINGTON AG PD ZA ARLINGTON AG PD ZA ANNA AG PD ZA ZA PD OTIAWA AG PD ZA PL IAMARACK AC PC	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3087 3088 3089 3090 3091	62a
146 147 148 149 150 151 152 153 154 155 156 157 158 159	HAMPTON AN PE 20 RIVERSIDE APP 20 DALHOUSIE 20 PE 20 DALHOUSIE 20 PE DALHOUSIE 20 PE DALHOUSIE 20 PE NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AND AD AD MABOU and OHIO AN PO20 BOND HOLDER APP 20 SPECULATOR PE 20 ARLINGTON AN PE 20 ARLINGTON APP 20 ANNA APP 20 APP 20 ANNA APP 20	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3086 3087 3088 3089 3090 3091 3092 3092 3093	2a
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146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161	HAMPTON AG PB 20 RIVERSIDE AG PB 20 RIVERSIDE AG PB 20 DALHOUSIE 20 PB DALHOUSIE 20 PB DALHOUSIE 20 PB DALHOUSIE 20 PB DALHOUSIE 20 PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG PB 20 MABOU and OHIO AG PB 20 SPECULATOR PB 20 SPECULATOR PB 20 SPECULATOR PB 20 SPECULATOR PB 20 SPECULATOR PB 20 SPECULATOR PB 20 CL 20 CTAWA AG PB 20 DTAWA AG PB 20 MARTINE TIM (LT) AG PB 20 CUB and MOLLY AG PB 20 MYRTLE (ALMA) RADIO COLORADO and SLOCAN BELLE PA	3077 3078 3079 3080 3081 3083 3084 3085 3084 3085 3084 3085 3084 3085 3086 3087 3088 3087 3088 3087 3090 3091	20
146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG PB DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG PD ZA MABOU and OHIO AG PD ZA BOND HOLDER AG PB SPECULATOR PD TA ARLINGTON AG PB ZA ARLINGTON AG PB ZA ARLINGTON AG PD ZA ARLINGTON AG PD ZA COTAWA AG PD ZA UITLE TIM (LT) AG PB ZA WYRTLE (ALMA) CORONA SLOCAN BELLE AG CORONA TION AG 20	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3088 3089 3090 3090 3091 3092 4 3093 3094 3094 3094 3095 3094	20
146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG PB DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG PB ZA MABOU and OHIO AG PB ZA BOND HOLDER A PB SPECULATOR PB VAZA ARLINGTON AG PB ZA ARLINGTON AG PB ZA UILY B AG PB ZA ANNA AG PD ZA ANNA AG PD ZA UILY B AG PB ZA COLORADO and SLOCAN BELLE AG COLORADO and SLOCAN BELLE AG CORONATION AG PB	3077 3078 3079 3080 3081 3083 3084 3085 3084 3085 3084 3085 3084 3085 3086 3087 3088 3087 3088 3087 3090 3091	22n
146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG PB DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG PB ZA MABOU and OHIO AG PB ZA BOND HOLDER A PB SPECULATOR PB VAZA ARLINGTON AG PB ZA ARLINGTON AG PB ZA UILY B AG PB ZA ANNA AG PD ZA ANNA AG PD ZA UILY B AG PB ZA COLORADO and SLOCAN BELLE AG COLORADO and SLOCAN BELLE AG CORONATION AG PB	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3088 3088 3088 3089 3090 3091 3092 3093 3094 3095 3095 3098	22n
146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163	HAMPTON AG PB ZA RIVERSIDE AG PB ZA WESTMONT and EASTMONT AG PB DALHOUSIE ZA PB NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG PBZ PBL MABOU and OHIO AG PBZ BOND HOLDER AG PBZ ARLINGTON AG PB CA ZA AL ARLINGTON AG PB CA ZA AL ANNA AG PB CA ZA AL OTTAWA AG PB CA ZA ANNA AG PB CA ZA ANNA AG PB CA ZA ARLINGTON AG PB CA UTAWA AG PB CA ZA ANNA AG PB CA A	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3087 3088 3088 3089 3090 3090 3091 3092 4 3093 3094 3094 3094 3095 3094	¢Zn
146 147 148 149 150 151 152 153 154 155 156 157 158 157 158 159 160 161 162 163 164	HAMPTON AG PD ZA RIVERSIDE AG PD ZA WESTMONT and EASTMONT PG PD DALHOUSIE ZA PD NEEPAWA (PEG LEG) and ROYAL ENTERPRISE AG (DZA PC MABOU and OHIO AG PD ZA BOND HOLDER AG PD ZA ARLINGTON AG PD ZA ARLINGTON AG PD ZA ARLINGTON AG PD ZA ARLINGTON AG PD ZA ANNA AG PD ZA ANNA AG PD ZA CUTAWA	3077 3078 3079 3080 3081 3082 3083 3084 3085 3086 3086 3086 3087 3088 3088 3089 3090 3090 3091 3092 3093 3094 3095 3094 3095	22a
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17	EXCHANGE Ag Au	3109
17		3110
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19		3125
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19		3127
1	(GRAPHIC and ROSEBUD)	
19		3128
19		3129
19		3130
19		3131
19		3132
198		3133
19		3134
200	SHADY FRACTION (GEM)	3135
20	VULTURE .	3136
203	R E LEE	3137
20:	NUMBER ONE	3138
204	VICTOR (VIOLAMAC)	3139
20	SILVER RIDGE	3140
200	GET THERE ELI AgiAn	3141
20	SUN	3142
208	MARY An	3143
20		3144
210	KOK	3145
21	KOK	3146
21:	LH Plo AgiZn	3147

81. r.

LOCATION ? GANERAL + GRAAT (C.G. 9267, 9266 bluff. Specularite, tetrahedrite, and malachite are scattered through the quartz. The vein is exposed for about 15 feet. No sampling has been done.

About 1,000 feet above the creek and some 500 feet west of the last showing a shear zone is poorly exposed in a large cut. The direction of the shear is probably northeast and the dip southwest, but this cannot be told with certainty from the exposure. The zone is about 15 feet wide. Several bunches of quartz appear in the cut; one on the north side appears to cut across the shearing and one on the south side seems to follow it. Pyrite, limonite, and manganese oxide appear both in the quartz and the sheared rock. Mr. Fisher reports that he has obtained specimens of free gold from this showing.

1

About 400 feet above and some 450 feet northeasterly from the Gold King shaft, a short adit has been driven on a shear zone striking north 40 degrees east and dipping southwest at 80 degrees. The zone is about 18 inches wide and carries stringers and bunches of quartz in the sheared country rock. Along the hanging-wall there is a heavily pyritized streak about 1 inch wide. This has not been sampled.

55

Gois traces : 1

181

193

(185, ASS 3303, 3304, 6379

185 GOLDEN AGE: Au, Az, Pb, Z, , Wy Cu contain i sheen & gauge zone n' Rossland Andrete water enatic strungers & knots of 2 various lig mineralized a sulfide : meter augete parphyry & Andrete (Respland) under hi property : schistorety Nyoow dy Sw : tongie of Meson granite crops out sooft. ALL REAL STREET, STREE Su of Luphrates workings : moneraljation loyely in shern gone the that Il to schistrating py, cp, sph, tetra, galana ankente, scheelite, An, Ag; minor ch/ *. ; : see also MARAAMone EUPHRATES # 18 6 Ks TONNES MINED MILLED Ang te, Az g , Et Pb 1928 - 1973 Zn 2 1243 8673 107 225 155 (7 years) うらさ BCDM: greating noticeably noticeably altered near veins : See and Luphrates Channel across Pillar 0.56 g Au , 1.53 Az 38 " Ass: 3303 : 0,80 % Cu i man adet follows structure too N 35t 50° W dyn 56 50 to 80 ° : sheared & mineralized sections often bounded by dys if a faults; moundiged widelthe miche to several teet, here feet to ~ 100 ft. long j comp by supplem enechelon ; tournaline in g pod close to shashed up area A40.09 SAMPLE-92/2 Cu % wag % Au 45" 0.01 18" steen neer fust stope 315' 0.06 0.3 0.05 0.07 0.10 0,2 29" w shear, sil 0.01 tr 24" foot wall of 7' dy fr tr 48" wshew, sil 12" 112 * q vn, across; py, cp 50 * chip 0.16 0.07 0,3 0.04 0.8

0.18

0.08

0,22

0,20

fr

0,02

tr

tr

0.04

0.20

0122 0.2

0.01 0.04

0.34

0.38

0.01

0.03

0.02

0.01

0,11

0.1

+r

0.1

0.6

1.3

tr

Oil

fr

ona o.l

0.8

fr

36 " sheen, channel sil zone mar stope 24

54

piller, sheared & folded 35 24 Slasted up area, main chift 39" Sheen ad, foldeel, sil 55" 3 nonne g str w sheen, sil 49

34 w shen sil 37 fortune & of nonrowdyke

37 flourescent zone

0.07 0423

Ass : 3304 : Cu & Ag in roch increases signif are vern : 16 channel samples allos vern system & 4 Ave grade across Ca & 0.29 Az 3/t 0.82 Au 2/t 0.2/ Ave grade across Ca & 0.29 Az 3/t 0.82 Au 2/t 0.2/ widthe sampled Ave across 304 mm. 0.26. 0.7.4 0.1875 mining width mminig wedt

: man ventsten not porticularly magnetically discernable

MMAR 1922: Vein N ; 0.18 3/2 Au 0.7 az Az an 14" i greb from pile of sulfide one 1.20 mpter, 6.2 mg to by strong synte, lettle op ; in place? uncertain

10 BUN 41 BUN

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References: Ann. Repts., Minister of Mines, B.C.: 1922, p. 208; 1928, pp. 324-325; 1929, p. 346.

This property, consisting of nine claims, is owned by the Golden Age Mining Company, Limited, of Nelson, in which E. and S. Terzian are reported to hold a controlling interest. It lies on the western side of Salmo valley about 10 miles south of Nelson. The workings are quite close to the Nelson-Salmo highway, one adit being just to the side of the road. The lowest adit is a short distance below the road and the upper adit 100 to 125 feet above it. The Great Northern railway passes within 100 yards of the lowest level.

The lower slopes of the hillside are extensively drift-covered, but outcrops show that the underlying formations are schists of the Rossland Volcanic group. Near the deposits these are cut by several, fine-grained. dark grev to green, narrow dykes. A specimen of one of these dykes. examined under the microscope, showed phenocrysts of the augite in a fine-grained groundmass containing some augite and feldspar. The rock is an augite kersantite and is very similar in appearance and composition to the dyke accompanying the Porto Rico vein. The dyke rocks are unsheared, whereas the members of the Rossland Volcanic group are highly schistose. The deposit consists of one or more, poorly defined shear zones carrying stringers and bunches of quartz. Apparently these zones conform to the foliation of the surrounding rocks, striking north 30 to 50 degrees west and dipping 60 to 80 degrees southwest. They are mineralized with pyrite, chalcopyrite, galena, and zinc blende, these sulphides occurring. mostly, in the quartz. Values are principally in gold and are generally highest where there is considerable quartz and sulphides. Mr. Terzian was, however, able to point to places in the workings where values were obtained from the sheared country rock in which little quartz could be seen. The walls of the zones are indefinite, but mineralization is, in general, reported to occur across widths of 1 foot or less to 4 or 5 feet. In places the narrow dykes mentioned above form well-defined walls to the deposits.

The lowest adit is 50 to 60 feet below the road. It is driven 130 feet in a northwesterly direction and includes a short crosscut southwest about 20 feet from the face. This working apparently crosscuts a zone, containing some quartz, at an acute angle. A dyke, about a foot wide, occurs on the westerly side of the adit at the face and disappears in the opposite wall of the adit about 40 feet from the face. A second dyke, also about a foot wide, appears on the western wall of the level about half-way between the portal and the face, but pinches out in a short distance towards the southeast. The rock on the eastern side of the first dyke is heavily sheared, but contains no quartz or sulphides. The crosscut, which penetrates through the dyke, discloses a narrow band of ore on its western side. Other small bunches of quartz and sulphide mineralization appear along the level, but no continuous zone can be defined, and it is by no means certain that the working is on the same zone as that exposed by the upper levels.

The middle adit, at the level of the road, is about 100 feet northwest of the lower adit and is about 800 feet long. It is a drift on the shear zone which strikes north 50 degrees west and varies from about 10 inches to 5 feet wide. A dyke forms the hanging-wall of the deposit for about 500 feet to where it apparently pinches. About 350 feet from the portal a crosscut has been driven southwest for 60 feet. At 565 feet from the portal a fault strikes north 60 degrees west and dips 15 degrees southwest, but the offset cannot be measured. The deposit ends southeast of the fault, and appears again about 115 feet past it. Several ore shoots are reported to occur along the adit. One shoot is stated to lie northwest of the fault, to be 150 feet long, and to end near the face. It is claimed that values in this section average \$12 a ton over widths ranging from 21 to 4 feet. A good deal of quartz, mostly as stringers, running in the direction of the shear zone, appears along this section of the zone. Both this quartz and the country rock carry pyrite and chalcopyrite. Just above the fault values are stated to run \$9 a ton across a width of 4 feet; the zone has here practically no quartz in it. Near the crosscut a length of 50 feet of ore is reported, with assays of \$18 across 10 inches. Near the portal another 50 feet of ore is reported. The shear zone is there 5 feet wide and contains masses of rusty quartz in decomposed and oxidized schist.

The upper adit is about 250 feet, northwesterly, from the intermediate level and 100 to 125 feet higher. This adit is about 210 feet long. It is driven along the shear zone with two short crosscuts, one 15 feet to the northeast and situated about 25 feet from the face and the other 6 feet to the southwest and about 70 feet from the face. The zone is here somewhat similar to that in the middle adit, with bunches and stringers of quartz across a width of 2 to 4 feet. As in the middle adit, several short shoots of ore are reported.

A small stamp mill was built on the property, but was destroyed by fire in 1929. It is stated in the reports of the Minister of Mines, British Columbia, that very little ore from this property was put through the mill.

(27) Apex Group

This group is on the west side of Roaring creek about a mile northeast of Apex station which is about 6 miles south of Nelson on the Great Northern railway. It was being prospected by J. F. Coats. The group consists of eight claims owned by Messrs. Frank, Joe, and John Ogenski, and George Benwell, jun.

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