

824038



PROPERTY NAME: Lone Pine Creek

NTS: 82E/12

OWNER: Todd Parsons
 RR 1
 Keremeos, B.C.
 VOX 1N0
 (604) 499 5815 or 499 2312

LAT: 49°40'30"
 LONG: 119° 34'

CLAIMS:

52 units in good standing, ^{space}reverted crown grant (White Knight)

Claims	Record Number	Lot Number	Units
LP #1	3182		20
LP #2	3078		16
LP #3	3188		16
White Knight (RCG)		1081	

LOCATION AND ACCESS:

The Lone Pine claim group is located approximately 6km west of Osoyoos and is contiguous with the international border. The claims are accessed by Kilpoola Lake rd which runs south of highway 3 approximately 6km west of Osoyoos.

PRODUCTION HISTORY:

No production data has been located but the submarine adit in the WhiteKnight claim has had a visually estimated 40,000 tons removed. the grades are reported to be sporadically high values in gold and silver (Minister of Mines Report 1921, G178).

GEOLOGY:

The property is shown to be underlain with Mesozoic Nelson plutonic rocks on the west half and Paleozoic Kabou group rocks on the east half (Little, 1959). On site inspection correlates with this interpretation with the exception that the

Nelson granodiorite in intermixed with Kruger syenite of the same age.

Five adits were visited during the visit. The first, on the southeast corner of ^{the} LP3 claim, (actually, it is approximately 10m into the ^{states}) could be more properly described as a pit. It exposes a narrow (approximately 3cm wide) ^{at 2. vein} which is heavily mineralized with galena with minor pyrite and very minor chalcopyrite. The vein is apparently flat lying and in a shear zone. The pyrite is related to a second stage of silicification within the main vein. The vein could not be traced on surface. Samples LP002, LP004, and LP005 were taken from this vein. *

A vertical shaft was inspected on the northwest corner of LP1 and sampled as LP006. The shaft exposes a 1m wide quartz vein within Kabou phyllites. It dips steeply west and strike approximately north. It is heavily mineralized with pyrite, pyrrhotite and some chalcopyrite, within a translucent blue portion and is barren in the bull white portion. The shaft has unknown depth. Approximately 400m of old core was discovered nearby which revealed a diorite, pyritic mafic volcanic and a quartz breccia. The drill hole location is unknown. *

Three adits were visited on the White Knight reverted crown grant. The first exposed a pyritic quartz vein in a highly sheared zone, only the entrance is accessible (Sample LP007). The vein is up to 1m thick. An adjacent adit exposes what is likely the same vein. There the vein reaches 2m in thickness and is flat lying. ^A 1m channel sample (LP008) was taken across the vein. *
Approximately 50m west is the submarine adit. It extends approximately 200m at 320 degrees along a flat lying quartz vein. It is consistently mineralized with galena, pyrite, and minor chalcopyrite. It is estimated 40,000 tons of rock has been removed. Gold and silver values are reported to be sporadic. The vein is consistently up to 4m thick. It is likely the same vein as is exposed in the other adits. Samples LP009 and LP010 were taken here. *

A brief report and claim map has been submitted by the owner.

To properly determine the submarine adits potential it would be worthwhile to channel sample the vein over a large area. The Minister of Mines Report, 1921, reports high gold and silver values within the sulphide but describes the sulphides as being sporadic. I observed a fairly high concentration of sulphides. If indeed they do carry high values the average grade of the vein should be correspondingly high. The areal extent of the vein is unknown but the presence of the other adits indicates it could be quite extensive.

SAMPLE DESCRIPTIONS AND RESULTS:

Sample No.	Description	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
LP001	Qtz vein on rd 30cm wide vuggy, hematitic, oxidized translucent blue	60	10	13	2.0	37
LP002	Qtz vein in LP3 Pit Flat lying, 2.5cm thick galena, pyrite	50	34500	52	32.5	696
LP003	LP#3 Pit, from dump bull qtz, blebs of galena	173	4800	345	33.5	389
LP004	LP#3 Pit, from dump qtz with secondary silic. with pyrite and galena	45	1300	24	4.9	43
LP005	LP#3 Pit heavy crystalline galena bull quartz	460	36000	20	58.5	5100
LP006	LP#1, from dump at shaft translucent blue qtz diss. po, py, cpy	610	375	28	5.0	130
LP007	White Knight Adit #1 qtz vein up to 1m thick in shear; white to translucent; approx. 30% fgr blebs of py	160	615	426	6.2	74

		<u>Cu</u>	<u>Pb</u>	<u>Zn</u>	<u>Ag</u>	<u>Au</u>
LP008	White Knight Adit #2 qtz vein, flat lying 1m channel across vein, 2m wide pyritic and fgr grey gouge	<u>2700</u>	<u>18500</u>	<u>6500</u>	<u>91.5</u>	<u>596</u>
LP009	Submarine adit (approx 200m length) Heavily mineralized fault gouge (py, ga, cpy?)	<u>240</u>	<u>270</u>	<u>1260</u>	<u>3.5</u>	<u>16</u>
LP010	Submarine adit bull qtz approx. 30% ga and py vein is 4m thick	<u>620</u>	<u>32500</u>	<u>6300</u>	<u>58.5</u>	<u>71</u>