Nick

824036

Lone Pine Creek
Property Exam

Property Name - Lone Pine Creek ; Okanagan Mining Div.

Owner & Address - Todd Parsons
RR #1
Keremeos, BC
V0X-1N0
(604) 499-5815, 499-2312

NTS: 82 E/4 Lat. 49°00' 30" Long 119°34'

Status: 52 units in good standing
1 reverted crown grant (White Knight)

Claims

	Record #	Lot #	# 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 approx. 6 km west of Osoyoos & is contiguous with the international border. The claims are accessed by Gilpoola Lake Rd. which runs south of highway 3 ~ 6 km west of Osoyoos.

Production History

No production data has been located but the subsurface added in the White Knight claim has had a visually estimated 40,000 tons removed. The grades are reported to be sporatically high values of gold and silver (Minister of Mines Report 1921, G 178).

Geology

The property is shown to be underlain with (Little, 1959) Mesozoic Nelson plutonic rocks in the west half and Paleozoic Anarchist group rocks on the east half. On site inspection correlates with this interpretation with the exception that the Nelson granodiorite is intruded with younger syenite of the same age.

Five adits were visited during the visit The first, on the south east corner of the LO3 claim,

(actually it is ~ 10 m into the stakes) could be more properly described as a pit. It exposes a narrow (~ 30 cm wide) vein which is heavily mineralized with galena with minor pyrite and very minor chalcopyrite. The vein is apparently flat lying & 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, LP003, LP004 & LP005 were taken from this vein.

A vertical shaft was inspected on the northwest corner of LP1 & sampled as LP006. The shaft exposes a 1 m wide quartz vein within talcose phyllites. It dips steeply west and strikes ~ north. It is heavily mineralized with pyrite, pyrrhotite, & some chalcopyrite within a translucent blue portion & is barren in the bull white portion. The shaft has undetermined depths. Approximately 400 cm of core was discovered nearby which revealed a biotite, pyrite rich mafic volcanic and a quartz breccia. The drill hole location is unknown.

Three adits were visited on the white & right oriented 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 1 m thick. An adjacent adit exposes subcrop which is the same vein. Here the vein reach 2 m in thickness & is flat lying. A 1 m channel sample (LP008) was taken across the vein. Approximately 50 m west is the subsurface adit. It extends approximately 200 m at 320° along a flat lying quartz vein. It is consistently mineralized

with galena, pyrite and minor chalcopyrite. [illegible] pockets. It is unknown of the [illegible] were [illegible] the [illegible] offset. It is estimated 40,000 tons of rock has been removed. Gold & silver values are reported to be sporadic. The vein is consistently up to 4 m thick. It is likely the same vein as is exposed in the other addits. ~~It is hosted in Kaslo Group rocks.~~ Samples LP009 and LP010 were taken here.

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

To properly determine the Submarine addits 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 addits indicate it could be quite extensive.

Sample Descriptions & Results

	Cu	Pb	Zn	Ag	Au

LP001 - Qtz vein on Rd
- ~30cm wide
- vuggy, hematitic, oxidized
- translucent blue

LP002 - Qtz vein in LP3 pit
- flat lying, 25cm thick
- galena, py

LP003 - LP #3 pit, from dump
- Bull qtz
- blebs of Galena

LP004 - LP #3 pit, from dump
- Qtz w/ secondary silicification w/ py and Galena

LP005 - LP #3 pit
- heavy crystalline galena
- bull qtz.

LP006 - LP #1, from dump at shaft
- translucent blue qtz
- dis. pb, py, chalco

Sample descriptions (con't) Cu Pb Zn Ag Au

LP007 - White Knight addit #1
- atz vein up to 1m thick in shear
- white to translucent
- ~30% f.go. blebs of py

LP008 - White Knight addit #2 (20m long)
- atz vein, flat lying
- 1m channel across vein 2m vein
- pyritic & f.go. gooey gouge.

LP009 - Submarine addit (~200m long)
- Heavily mineralized fault gouge (py, galena, chalco?)

LP010 - Submarine addit
- Bull atz.
- ~30% galena & py.
- Vein is 4m thick