

For Report on Shawn Property
See NORTHWIND VENTURES
PROSPECTUS. (ERICKSEN-ASHBY
PROPERTY FILE)

~~(1644)~~

822455

5cm : 1km¹⁰⁰⁰⁰⁰
1cm : 20000

- Sharon Property, Northwind Ventures (see prospect EA file)
- located 7km north of Sheep Creek Camp (Nugget Property)
16km ^{NE} of Salmo, BC
 - Property consists of 20 2-post claims (399.8 ha) ^{excluding 2 lots}
Transfer of title to Northwind pending (June 1988).
Agreement to Exodus Ventures to earn 37.5% by making
50% 1987 expenditures (\$160,000)

Geology

Underlain by northerly trending belt of Proterozoic to middle Cambrian metasedimentary rocks which has been intruded by a small granitic stock, ~~and~~ several east-west trending faults transect the country rocks.

Quartzite Range Fm exposed in western part of property and consists of pure massive qtzite beds with minor argillaceous intercalations

Old adit present in central portion of property.

50 ppb soil anomaly and ^{surface} rock ~~chip~~ samples up to 3.5602 Au, average 0.30 Au (generally grab samples)

Adit sampling 2 anomalous samples over 1.3 → 1.5m widths

5 DDH 1987 Anomalous values in 3 of 5 holes

DDH-2 39.8 - 40. m 0.2m qtz vein @ 12,400 ppb (0.3602)

17 - 17.4 m 0.4 (35m TW) @ 8036 (0.23)

DDH-3 18 - 22 m 2m @ 3086 (0.09)

0.2 @ 29,400 (0.86)

DDH-4 99-100 0.9m @ 12,800 (0.37)

qtz veins 34,000 (0.99)

DDH-5 68-69 m 7,040 (0.21)

Comments NW ^{trending} Au-bearing qtz veins are present in contact zone of metasediments & granodiorite or in intrusion itself. Veins are generally narrow. ($\leq 1m$)

Shannon Property

7 km south of Sheep Creek Camp (~~Sunbelt~~ / Nugget)

Sheep Creek Nugget Property

Area is underlain by metamorphosed sedimentary rocks - argillite, quartzite, schist, limestone of Eocambrian to Cambrian age. These units are intruded by granite stocks, ~~and~~ qtz porphyry dykes, sills and lamprophyre dykes. Sedimentary rocks folded into north trending anticline parallel on west limb by smaller anticline and intervening tight syncline.

Four well defined sets of faults transect the country rocks. Gold mineralization confined mainly to northeasterly trending set.

Displacement on main veins 3-25m; where they intersect argillite, limestone irregular, discontinuous - drag faults along beds where they intersect quartzite deflect to east movement concentrated along single fracture, veining pronounced.

Mineralization

milky white quartz veins one wall sharp, other gradational pyrrhotite, pyrite, sphalerite, galena, scheelite, chalcopryite, rare V.G.

20 veins known on Nugget Property Main one Nugget vein which splits to Nugget + Calhoun (north split). Lower levels Nugget developed on 2 veins may be en echelon or Calhoun

RESERVES: Nugget (1986) : 7270 @ 0.4502 Au, 16,450 tons @ 0.3502 Au

Leno - (1986) : 6830 @ ^(pr-prob) 0.1402 Au ^(poss) (low grade)

RESERVES:	<u>mineable</u>	21,400 tons @ 0.37	prov-prob	{	<u>44,910 @ 0.36</u>
		23,510 tons @ 0.36	poss		
	Additional	11,940 tons @ 0.3	prov-prob		(geol)
		890 tons @ 0.3	poss		

General

Controls of Mineralization, Sheep Creek Camp

- (1) NE trending fractures
- (2) competent quartzites of Quartzite Range Fm & andalusite schist of Reno Fm. Buttle deformation resulted in dilatant zones
- (3) localization of values $\rightarrow$ ore shoots over certain parts of veins
- (4) Vertical control of $\rightarrow$ southward plunging envelope of economic mineralization in shoots

Western Anticline & western limb of Sheep Creek Anticline hosted known productive mines