WOZF [NO-BZ-93-] June 26/93 Ridge Zone - 'Ledge' Banded, flooded, silica + replaced calcite blacks
Banded, chalcedonic vein in silic, thy. 1, 7a 2, 70 4. 5 5, 18 ata vein with black borders; 6, 4 Flow banded thy with gte veinlet 8. 10a A Blackly For 9, 1/2/ at phyric rhy, flow 12 - Ridge Zore 1A 12. '(rouded' crse. gr. zoned por. Ridge Zone - South 13, 11 Rhy bx + si/ica 14, WOLF Ridge comp B por (mega) 15, 37 seds-watkes 16, 29 flow banded thy (DDH #1) 17. 26 Green (apple) gtz phyric rhy + gtz veinlets + min. - Ridge Vitris tuff 23 18. 28 G' por de te lapilli bx with gtz viinlet ","
Vitric full Por with gtz (+ bladed) veinlete " Silic (+min) bx 27 20, 25 21, 24 22, 15 23. 24, 16

KEG 193 Apr. 20/93 WOLE - Dave Heberlein Flow banked rhyrife, autoclass by -exiclent aerial stak? > QF Par Q-Phyric rhy, Bx

Ash tuff

Trypacen SS, S\$ >X/, ash the tenorthic cyl.

Heterolithic 2X Hez. Augitor hold physic ands + Pr. felsic Facies changes important

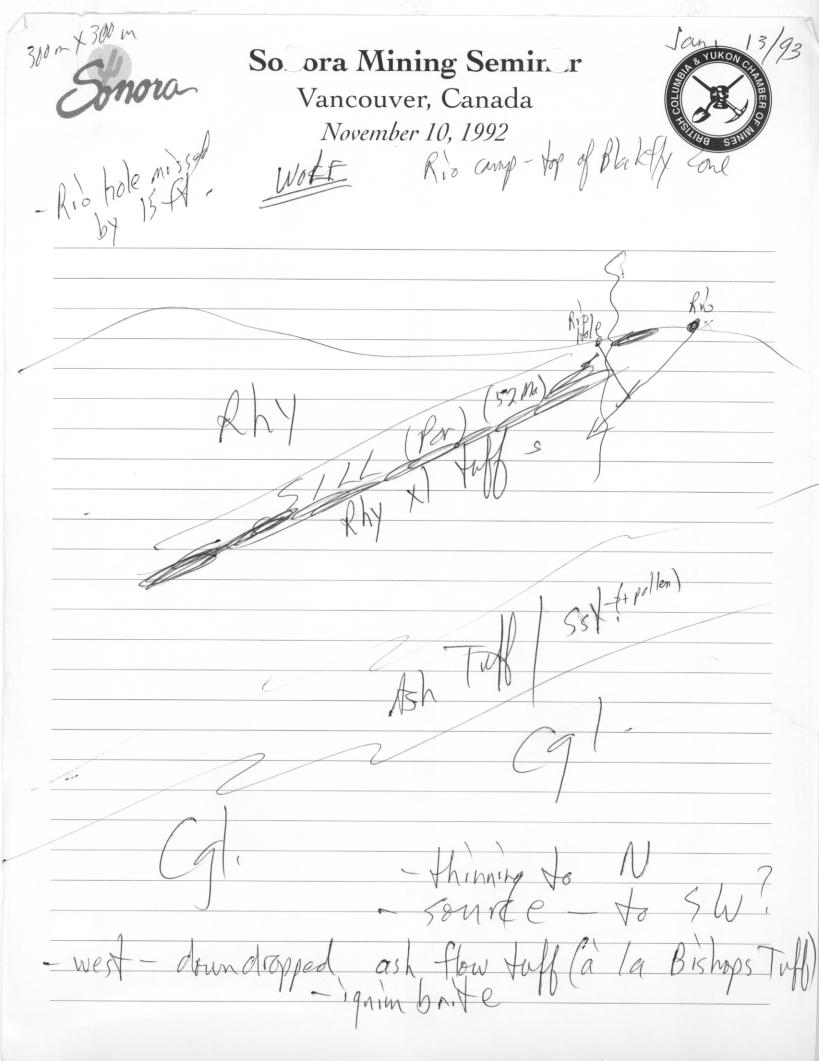
Co-magnific - Huff + QFP - Chemistry?

Co-magnific - Huff + QFP - Chemistry? Ridge Hord rones - all one now. -dark gtz eyes - (cf. Cinola- brown gtz) Rhy Aul and by

WOLF, Boom x 300m at pres. An with silica precip replaceing calcibe - Hydro. System yper. during Josh Seds of they the but after empl. of QFP sill ise a 'cap'?)

- gas phase bx. = billed "rice crispy" bx (formed by steam - held together by silica)

Many bedded Jacustrino Sole

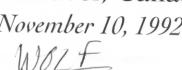




So_ora Mining Semir_r

Vancouver, Canada

November 10, 1992





WOLF Jan. 12/93 - Geochem- no de leter, ras (As Hg. BB) very low supphide out of (chip of) back (outside) from tree (lodgepike fine) Stations on line every 25 m. Thighest gold anomaly in world Josephy M. S. H. as an limpervious cap to min. 'ponded' in ash flow, XI tuffs of Ootsa It. (3) Gy. - Compositions of rhyslitic units - negascapically Similar - need lithogeochem data. - N-5 trending 5,/1ca Zones. - Best ddh = #13

Longitudinal Section Rhy. Por-5:11 Rhy. par. s.1/1 V Rhy. X/ Juff Rhy. XI Full 51/tstone Rhy. Huff Basal Conglomerate

Basal u/e

Takla Gp

Hazeltan GP

Inventory Pantial: 20 n Jannes @ 2,39/f -column leach tests (prelim.) suggest good seenvenes // 2 1,341,694 oz contd Pand/Ridge Zones 1 Jan. 6/92 I'm Dawson Note: Cathythekon X Age of Mineralization
45 ma or younger June 93 Possibly. 50 to loom to - Geophysics (resistivity) (i.e. 029/t steel y effset (i.e. no thrust) 100 m gaeing ddh 12 - pollen date-wing! (leakage) ZONE: 300 m x 7.6m x 240 m downdip SW ON 20/92 Stratigraphy Epithernal, (pipe) no deleterious elements
-deleterious elements
-deleterious 1 wide open Impervious (cap' - rhyolitic sill (Coka 1k. G) minoralized Replacement Tone 5-34 mk volcanic tuffs Conglomerate, hosts, minepalization conglamenate incl. pebbles/boulder of intrusive rx. + ands. +rhy. + 50m below impervious cash (Hazelton Gry.?) Hazeks G. - basement?

WOLF Note: Rio drilled Cept. 2/192 Dave Heberlein * Drilled Dy Bholes totalling 2000m in 1992 * Trenching on Ridge Pond, + Lookant zones dispelled the "thoust" concept, the "underlying sediments Are also mineralized incl. min, breceia fragments (rounded = conglomerate)

* Minnova now feel the Ridge fond, and last the Ringe of the stratationed control

* Also drilled new Black fly zone near old * Lots of IP an omalies Potential for O Bonanza - type (high-grade) veins & Bulk-mineable (leachable) & = 1 gt tu * Min, dips shallow 15°-20° to west like a sheet i.e. ameneable to open pit mining (Teaching), * Minnova very keen on this project! Nov. 9/97 Im Dawson - current potential
10 to 15 million tomes @ 1 to 3g/t Ay
(ie. 500,000 to >1 m or Au contained) 1029 gift to 0.088 gpt Au

WOLF

[MI 93F045]

august Report

On August 1st Bob Lane ar visited the Wolf epithermal prospect, loca about 200 km south (2 to 2 1/2 hr. drive) of Vanderhoof (via the Kluskus-Malaput Forest Service road). Minnova currently have the property under option and had recently completed a trenching and mapping program, as well as a new type of geophysical survey (a combination of IP and resistivity) designed to test a system or zone at a particular depth (eg. 200m). Apparently Minnova has recently had good results with it at their Clisbako property. Denis Morrison (CCE Geophysical) is the pioneer person and he is working with a chap from Albania. If good results are achieved this system could 'revolutionalize' other epithermal vein camps in BC (eg. Toodoggone) and the world. Cam Clayton is the geologist in charge. They hope to start drilling by mid-August and are very excited and anxious to test the new geophysical anomalies.

Minnova has discovered a new showing ('Blackfly') very close to the old (1985) Rio Algom camp. It is a 'nice' looking black (fine sulphide/sulfosalt?) matrix breccia. With preliminary interpretations from the geophysics, Minnova now suspects that the style of mineralization may be 'sulphide-high' rather than previously believed 'sulphide-low'. Surface grab samples have assayed up to 60 g/t Au with best chip intervals runing 20 g/t Au.

Significantly, Minnova feel they have dispelled (proved) a previous interpretation of a 'thrust fault' cutting off mineralization and thus future size potential by observing angular (brecciated) clasts of sedimentary rocks contained within the silicified (mineralized) zones, i.e. the mineralizing event is younger than the sedimentary rocks. It is readily apparent that this system 'blasted' its way upwards. Also core contacts between the sedimentary rocks and the siliceous rocks are sharp (not fault-like). It will be interesting to see the next phase of drilling on this property.

[Ref: Geol. Fldwk., Paper 1986-1, P.317-320 plus Lucero Res. Corp. Prospectus, 1987]

-> Wolf WOLF Nov. 1/91 - discussions with Dave Heberlein

- done recent airborne surveys

- re- eval. of drilling lett, explains kio Algon

Supposed thrust Hauft - simply an

over flow of rhyolite by over caldera

moat sediments. - Dave believes Wolf has the best portential! - calden setting. 1992 Project: Cam Clayton / Drive Heber lein (681-3771)

o WOL FF TOJPO SOP - AG Win ettal Shell in Vanderhoof Ar Stoney Ck. Ind Res 25 km - Jet. lett - Ootsa - Kliskus Forestry Stan km 142 - Ict, - H -> Kluska Malaput Acces [8-20 km - new rd.

Ren 1-Gold Od, 13/88
WOLF - Pollen results (2) ~18 Ma from seds, underlying outsa'
Thyolites ice. my'r thrust? From / POND' zone Getchell realgas formel as low as 70°C - most Au precip @ 200 to 250°C Post ere shark - n/430 deep dirive intr + skarn - up to , 9 opt Au in infrusil (striventest) Rk. Gerdin oxide tre ~ 250 ppm 2n Sh increases higher in 5/4am eg 80 ppm Ba highest in susperide 700 to 800 ppm