

John

LUMBY
885157

Paul Shiller

7th

1st rd to
after
bridge

Tom Yajuh, Mine Manager

lab - "Industrial Park"

Dushan

547-2522

Stopping
fan drilling

Camp - 547-2246

over-bridge shop left - sign → Quinto
(before metal) 1st rd left

mill + 4 trailers

Communication Planner

Name:		Subject:	
Company:		File:	
Address:		Circulate:	
Phone:		Delegate to:	
		Return to:	

Type	Date Note	Time Seq.	Subject	Response	Follow-up
------	-----------	-----------	---------	----------	-----------

PHOTOS

① Reverse chip 'boxes' circled

② Main pit - east looking east

③ Looking NW over main zone (prop red pit)

④ u/g on upper level of Mine Zone.

⑤ Lower level - Mine Zone - 'poor ground'

CHAPUT (LUMBY)

- with Rick Meyers
- Dave Kuran, geologist

MI-824/SE-006 July 28/87 Sunny 35°C

LOCATION/ACCESS: 1.6 km north of Lumby

HISTORY: - early 1900's
 1985 - workings relocated + cleaned out
 1960's - Fr. Expl.
 1974 - Coast Interiors Ventures.
 1974-1979 - Mine operated sporadically
 1980 - Mill upgraded to 150 tpd capacity

- est. 20,000 and 40,000 tons processed.
 Total prod. (MINIFILE) - 633,289 g (20,381 oz) Au; 1,697,290 g (54,569 oz) Ag + Pb + Zn.

1983 - Quanta Mining Corp. - outlined Plateau Zone (above Mine Z.)

1984-85-86 - cont'd dth in Plateau Zone.

1987 - Engineering studies to open pit Plateau Zone.

GEOLOGY: - Argillites + crystal tuffs (à la Kutcho Creek 'grits') of SLOCAN = NICOLA age (Triassic). → maliperite in X1 tuffs.

- cut off to the south by intrusive (diorite to monzonite) [Jurassic to Cret.]

- u/g overlain by horizontal sheet of Tertiary volcs + seds. of Kamloops Gr.

Communication Planner

Name:			Phone:		
Type ✓	Date Note	Time Seq.	Subject	Response	Follow-up
			<p><u>STRUCTURE</u> - NE + SW trending faults, - folding. - anticline, with 'stratabound' fault (+ Qtz/vein + mineralization) - E-W control.</p> <p><u>MINERALIZATION</u>: - Vein + Shear Zones + Qtz. (.1 m to 30 m wide)</p> <p>- <u>PLATEAU ZONE</u>: Main pit (proposed) - 64 m long - Reserves ~ 40,000 tons @ .14 oz Au - Recoveries est. @ sulphide: 98% oxide: 87%</p> <p>- Problem with 'nugget effect' in assaying - 800 m (2600 ft) east, 320 m (1050 ft) above + along strike from Mine Zone. - strikes 110° to 120° / 40° to 80° South - strike length in trenches ~ 425 m (1400 ft) but ^{main} pit will be only 64 m long. - host rx. = argillite on footwall + acid, volcs. on HW.</p> <p>- Varies in thickness from 20 m (66') to 37 m (102') + averages 24 m (78 ft.) - min. totally related to pyrite. Minor ZnS, PbS. → several 'phases' of py. - Qtz. content in shear = 10 to 60% by vol. → current target</p> <p>- <u>MINE ZONE</u>: old Lumby mine. - PbS, ZnS, tetrahedrite, cpy, py, po - 110° to 120° / 65° south - sulphides in HW of Qtz. vein - vein pinches + swells + down dip. - best grades near flat portions of flexures - vein width varies from .3 to 1.5 m</p> <p><u>EPITHERMAL</u> target - Plateau Zone (top) / Mine Zone (base)?! VGS - No! - more mesothermal.</p> <p><u>REFERENCES</u> ① Jones, A.G. (1959) - GSC Mem. 296 ② BCMEMP AR # 14,469 (1986)</p>		
			<p>Drilling to 150m deep.</p> <p>Proposed Mining site @ 200m deep see prospectus</p> <p>COMMENT: (VGS) - will have ground problems marginal.</p>		