

824292

1990

SBS Fall Drill Proposal.Drill Targets

On the SBS South Grid strong magnetic and ULFEM anomalies form a spine ~~up~~ ^{up} the entire grid from L7800N ~~and~~ to L10500N and between 9800E and 10200E. This trend coincides with the so-called 'Skarn Zone', a band of mafic schists in a thick package of calcareous phyllites. A trench ^{along L93N} across these mafics and their geophysical expressions ^{along} revealed very rusty greenstones with banded pyrrhotite and traces of chalcopyrite. A soft massive brown mineral thought to possibly be sphalerite apparently is not and is now thought to be an iron carbonate. Results ~~are~~ of two rush samples are as follows.

	Cu%	Pb%	Zn%	Ag oz/t	Au oz/t.
9WSBL004	0.076	0.02	0.01	0.08	0.001
9WSBL005	0.060	0.02	0.01	0.06	0.001

These results are unimpressive but two significant bands of massive pyrrhotite were subsequently uncovered.

It is proposed that this zone be tested by one and possibly two holes in the vicinity of the trench. A hole ~~100m~~ collared at 100+75E; 93+00N would test almost the entire geophysical anomaly and intersect the sulphide horizon at a depth of between 50 and 60m below the surface.

<u>COLLAR</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>AZIMUTH</u>	<u>DIP</u>	<u>LENGTH</u>
A	93+00	100+75	200°	-45	100 m.

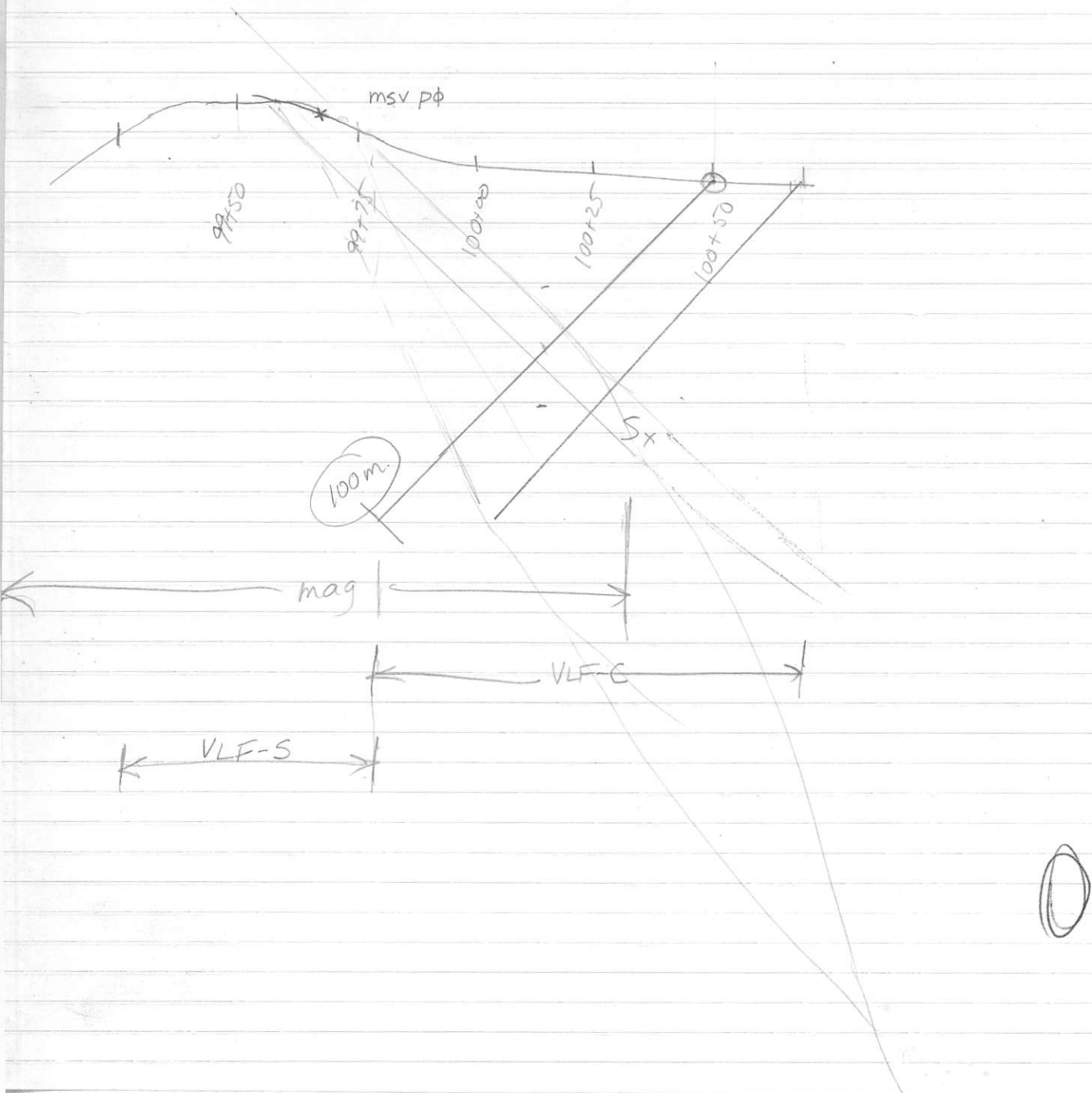
contingency mitrage: 100 m

TOTAL 200 m.

SBS Drill Proposal

	MAG	VLF-C	VLF-S
L93N	* 98+50E - 100+25	99+75 - 100+75 E	99+25 - 99+75

* contact of purple and blue 99+50 appears to be near sulphide mineralization collar ~ 100+50E



SBS L93N

MAG

- ① mag anomaly 98E - 100+25, 100+75 - 101+25
strike open
- ② rocks trend $\sim 290^\circ$ dip between $30-60^\circ$ to N.

→ trend of mag conflicts with geology.

- ③ no Pb, Ag, Zn, Au, 0.1% Cu.
- ④ contact between purple and blue intensities at 99+50

VLF-EM - Cutler

- ① anomaly 99+75 - 100+75 E
- ② on L94 100 - 100+75 E.

VLF-EM - Seattle

- ① anomaly 99+00 - 99+60, little overlap with Cutler data.
- ② L94 99+30 - 99+75

SBS expenditures

rate	geologist	C Wild	Oct 2, 5	Sept 28, 27	1200
	assistant	T Clarke	Sept 27		300
			7 days		300
excavator		hrs x \$95/hr			2500 - 2800.
		mob/demob			

4500

20 x 25

\$500

5000.

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