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MINERALIZATION:	- 3 zones: Bear Main, Fleece Bowl, Totem Silica - 'no-seeum' native gold, pyrite, arsenopyrite - oxidized vs refractory (sulphide) ore - Au:Ag 3:1 - Au in py (~33-40%), rest in solid solution
	Bear Main - 175m long x 5m wide (av.)-open pit
	Fleece Bowl - ~100m long-underground
	Totem Silica - good exploration target
STRUCTURE:	 North-south faulting northwest cross faults fault slivers or slices didn't mention 2 phases or folding (see TGS Geological Fieldwork write-ups)
GEOCHEMICAL SIGNATURES:	- Fl (e.g. 800ppm) and Hg - As and Sb present but not always associated with Au
GEOPHYSICS:	VLF worked best
GEOLOGICAL RESERVES:	(Based On: - wide drill hole spacing - continuity between holes - continuity across rock types - drill hole grades vs bulk sample grades)
	Short Tons Grade Cut Off
	Bear Main: oxide 198,000 .47 .2 refractory 531,000 .44 .2 729,000 .45 .2
	Fleece Bowl: 304,000 .23 .1
	Total 1,033,000
Total Undiluted Reserves:	1,130,000 tons @ .38 oz/t Au
Total Diluted Reserves:	1,302,000 tons @ .34 oz/t Au
Total Resource (Gold):	~ <u>450,000 oz</u> (or 350,000 in Bear Main and 100,000 in Fleece Bowl)

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METALLURGICAL SAMPLING:

MILLING STUDY:

ACADEMIC STUDIES:

48% 'Greenstone', 42% silica breccia, 10% greenstone + silica breccia + fault material, 7% sulphides.

Conventional cyanide treatment

Oxygen isotope study at University of Alberta under Bruce Nesbitt. Preliminary indications = mesothermal environment.

GENETIC MODEL: (Chevron) Hydrothermal (mesothermal) system via deep seated a faults.

COMMENT:

Good geological environment. Therefore, potential to increase reserves and possibly locate new deposits.

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104K 079

MUDDY LAKE IF 1024910TM

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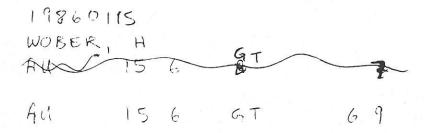
AU 132 GT

TOTAL RESERVES DILUTED 1302000 TONS @.34 02/T

MEG TALK PRESENTED BY H WOBER CHEVRON RES, JAN 15, 1986

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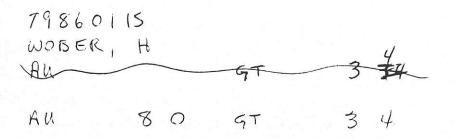
BEAR MAIN ZONE IF 661203TM



MEG TALK PRESENTED BY N WOBER CHEVRON RES JAN 15, 1986

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FLEECE BOWL ZONE IF 275728TM



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