

520846
Suskwa
93M/7

October, 1973.

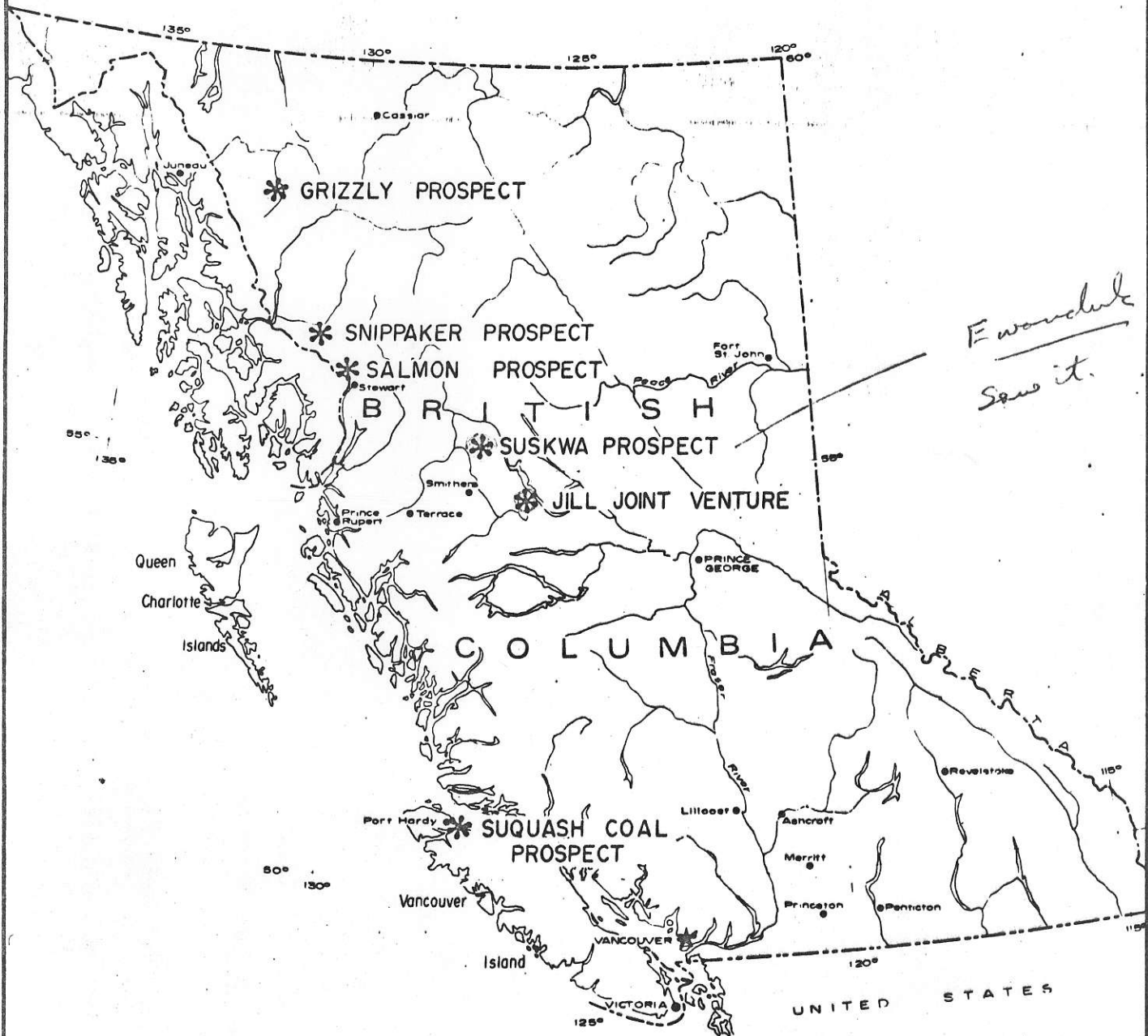
PROPERTY SUBMISSION

By: Jones, Gable & Company Ltd., Vancouver
Property: Suskwa Prospect, Cobre Exploration Ltd.
Area: Omineca Minind Division, B.C.
Mineralization: Copper-Moly

Loc. - 2 mi. W. of French Pt., Headwaters of Suskwa R.

Aug 24/91 - ⁽⁶⁸⁾ Highland Rd → ⁽⁷³⁾ Sol Rd → ⁽⁸⁵⁾ Ryan E. Rd.

- ~~Multi-phase~~ porphyry in to v. obs + sed.
- intense hornfels, high argillic alteration in porphyry
- Mineralization - cpy, MoS_2 , ZnS , tetra., pbs as diss^{ns} and fracture.
- Drilling undertaken on west end of Cu/Ag geochem soil anomaly in argillic altered intrusive.
best hit - 36m of 0.2% Cu.



E. W. W. W. W.
Saw it.

COBRE EXPLORATION LTD.
 INDEX TO PROPERTIES
 SCALE 1" = 136 MI

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-2

Sheet 1

Latitude _____
 Departure _____
 Inclination -90°
 Elevation _____
 Size IEX

Date Collared Aug. 5, 1973
 Date Completed Aug. 8, 1973
 Total Depth 100'
 Drilled By Wright Drilling
 Logged By M.J. Fitzgerald

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
-58	Hornfels (siltstone? or tuff?)	Dark gray to reddish brown, very fine grained; reddish brown streaks & patches appear to be due to abundant secondary brown biotite; light gray to white mottling & bleaching near abundant qtz vlts;	Stockwork of qtz vlts thruout - dips range from 30 to 90° and vlts average at least 2 per inch of core; weak diss. py & lesser cp to 8' except strong @ 8-11'; qtz vlts contain sparse to moderate py & cp and often MoS ₂ ; MoS ₂ usually in hairline fillings w/o assoc. sulfides.	33908	0-5	.56	.02
				33909	5-10	.21	.03
				33910	10-15	.10	.02
				33911	15-20	.20	.02
				33912	20-25	.62	.05
		Rock very fine grained 11.5-13' & mottled due to silicification; similar to 0-11.5 below 13';					
		Very strong silicification from 19' (qtz vlts & general silic.) to 23';	19-23'; core 60-75% qtz vlts w/abundant cp, lesser py, po, & considerable MoS ₂ ; .15" cp vlt, dip 65° @ 22'; MoS ₂ abundant in blebs & vlts 21-22'; cov. coating (?) cp in occas vlts from 19-26' vn zone 1/10 leached;				

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-2

Sheet 2

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
			stockwork of hairline qtz strgrs often w/abundant MoS ₂ @ 23-25';				
		silicific, decreases markedly below 26'; 2 bio very abundant & often in clots & strgrs;	Strong dissem. (very fine) py w/consid. cp continues; vlts much less abundant but contain increasing amts cp; most vlts of hairline-type & dip 30-90°; abundant cp in network of hairline strgrs & dissem. intergrown w/po & py 28-32';	33913	25-30	.42	.02
		From 30' very fine grained-black (formerly argillite or silt-stone?) w/mottled reddish brown patches (secondary brn biotite);	Very abundant sulfide vlts (to .2" but most hairline) from 30'; vlts contained largely cp w/some py & MoS ₂ ; occas. qtz vlts;	33914	30-35	.40	.07
			From 32.5' - qtz vlt stockwork (vlts dip 10°-90° & make up 20% of rock); qtz vlts contain little py & cp but many contain patches & long hairline zones of MoS ₂ ; dissem. sulfides appear to be less abund. but are so fine grained that cannot be sure; some diss. cp present; .4" qtz-MoS ₂ vlt dip 70° @ 34'; 1" qtz-bio-cp vlt, dip 70° @ 37'	33915	35-40	.15	.05

COBRE EXPLORATION LTD.

Prospect

Suskwa

Drill Hole

S-73-2

Sheet

3

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
8-100'	qbfp	<p>rock changes abruptly from very fine grained to fine-medium grained at 53'; contact dips 25° & is silicified; below 25' appears to be a tuff or grey-wacke w/abundant reddish brown biotite (phlogopite) in wisps patches & vlts (secondary); alternating fine & medium grained 55-58' but no evident contacts;</p>	<p>qtz vlts much less numerous from 43'-49' - approx. 50% contain some MoS₂ & occasionally py & cp; dissem. sulfides appear weak & are largely py;</p>	33916	40-45	.07	.02
			<p>from 49'-qtz vlts increase most dip 60° w/differing strikes; MoS₂ increases somewhat; rather strong py & cp in vlts & increased dissem. 50-53' in stockwork of qtz-py-cp & py-cp vlts;</p>	33917	45-50	.06	.01
			<p>from 53' - generally mod. to strong diss. py w/some cp; some MoS₂ in qtz vlts; 1/2" qtz-po-MoS₂-cp vlt, dip 75° @ 54';</p>	33118	55-60 50-55	.24	.01
			<p>from 54' - stockwork of qtz-py-po-cp-MoS₂vlts accompanied by strong py-cp in bordering rock; MoS₂ very fine grained - difficult to estimate content but persistent; 1/10 of vlts are completely oxidized; py predominates greatly over cp;</p>	33119	55-60	.32	.01
			<p>wk to mod. (2-5%) dissem. cp, po & py thruout - cp appears to predominate; except @ 61-64' where</p>	33120	60-65	.22	.02

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-2

Sheet 4

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
		appearing; matrix is flooded w/ reddish brown biotite (secondary) & biotite phenocrysts are also reddish brown; feldspar phenocrysts appear fairly fresh; .35" pegmatite (qtz-feld), dip 35° @ 58.2'; porphyry drills well w/few broken zones;	sulfides are weak & py greatly predominates; dissem. sulfides occur w/ in biotite blebs but also w/in feldspar xls; additional cp w/MoS ₂ & a little py in occasional hairline strgrs; all sulfides very fine grained;				
		irregular secondary biotite in clots & 1/4" vlts (dip 65°) @ 67-68';	1" qtz-MoS ₂ -cp vlt (mostly qtz) dip 65° @ 65'; dissem. cpy (w/po) increases below, trc. MoS ₂ ; most vlts dipping less than 30" are oxidized; qtz-biotite-cpy-MoS ₂ zone (dip 65°) @ 67-68' irreg. silic. zones below w/ occas. qtz-MoS ₂ vlts;	33921	65-70	.29	.01
		1.7" qtz-feld-biotite-py pegmatite vlt, dip 50-70° @ 74';	completely oxid. .6" wide vn zone dip 35° @ 72.5', qtz vlt stockwork zone mostly dipping 60° w/ strgrs cp & MoS ₂ @ 78.5-80';	33922 33923	70-75 75-80	.13 .28	tr. .02
			weak to mod. dissem. cp, po, MoS, py (2-5%) from 80'; cp appears to make up 1/2 of sulfides; qtz vlts w/MoS ₂ & cp, dip 75-80', 80-85' (approx. .2 ft.); broken zone w/oxid. vlts & lim coated fract 85-86.3';	33924	80-85	.32	.06

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-2

Sheet 5

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
		abundant reddish secondary biotite from 87'; 2-1/2" aplite dike, dip 40° @ 88';	.1" qtz-MoS ₂ vlt, dip 70° @ 86.5';	33925	85-90	.38	.02
			90% cp in disseminations, 90% MoS ₂ in vlts;	06658	90-95	.29	.01
			increased dissem. sulfides (cp 1/2) from 86'; cp	06659	95-100	.27	.01
		1.5" aplite(?) dikelet w/.3" pegmatitic borders dip 35° @ 90' - contains needlelike biotite xls-very weakly mineralized;	closely associated w/po & biotite; occas. hairline cp vlts, dip 55-75° from 91'; MoS ₂ much less frequent; consid. cp in fine dissem. w/po @ 98-100';				
		TD 100' 8/8/73 Core recovery ~95% No water recovery thruout hole					

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-3

Sheet 1

Latitude _____
 Departure _____
 Inclination -90°
 Elevation _____
 Size IEX

Date Collared 8/9/73
 Date Completed 8/12/73
 Total Depth 52"
 Drilled By Wright Drilling
 Logged By M.J. Fitzgerald

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
0-52	hornfels (tuff?, greywacke?)	Very fine grained w/little or no evidence of original bedding; abundant biotite; medium gray except for reddish brown mottled patches & streaks; very broken 0-4', moderately broken below; bleached silic. streaks border vlts;	0-55' - sparse dissem. sulfides (1-2%) - largely py w/minor cp; fairly numerous qtz vlts, most w/fine MoS ₂ in general stockwork, dips 40-80° w/predominant dip 70°, 1/5 ox.;	06660	0-5	.08	.03
			5.5-10' - abundant dissem. sulfides (5-8%), py, po, cp w/approx. 1/5-1/3 cp; trc. MoS ₂ ; .2" qtz vlt w/abund MoS ₂ , dip 80° @ 6.2'; .9" qtz-bio vlt zone w/abund. MoS ₂ , some cp, dip 75° @ 7'; fairly numerous narrow qtz-MoS ₂ vlts, most dip 45-50° @ 8-10'; vlts dipping 60° largely oxidized.	06661	5-10	.21	.10
			10-14.5'; dissem. sulfides consid. weaker (<2%) w/sparse cp; qtz-MoS ₂ vlts continue (ave. .05" & approx. 1 per inch)	06662	10-15	.05	.02

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-3

Sheet 2

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	% Cu	% Mo
		14.5-19.5' - very fine grained, very siliceous (cherty?) - hard & dense;	14.5-19.5' - very weak diss. sulfides, trc. cp; very few vlts w/MoS ₂ ; trc. oxidation;	06663	15-20	.04	.03
		19.5-28' - coarser grained w/ consid. mottling & abund. patches reddish brown secondary biotite;	19.5-28' - mod. to abund. diss. sulfides (5-8%) including py, po, cp (cp 1/3-1/2 of total); occas. hairline qtz-MoS ₂ vlts, dip 55°-75°;	06664 06665	20-25 25-30	.14 .11	.01 .03
		28-29' - 'cherty', very fine grained;	28-30' - weak diss. py, minor cp; fairly numerous qtz-MoS ₂ -cp-py vlts, all dips to 30', fewer below;				
		29-30.5' - as at 19.5-28.					
		Medium grained 30.5'-43' - general but variable secondary biotite alt-mottled effect; secondary biotite alternates w/silicification 34-38'; qtz vlts & silic. zones fairly numerous;	30-37' - wk. to mod. diss. sulfides - py, po, cp (1/5 cp); several qtz-py vlts w/minor cp, dip 75-80°, 1/10-1/2" wide @ 35-37';	06666	30-35	.10	.01
		Very fine grained 43-45', 49-52' w/med. grained zone between; general secondary biotite in med grained zone & strong but spotty secondary biotite in very fine grained zones; very fine grained zones contain numerous vlts;	37-42.5' - increased diss. sulfides (5-8%); py, po, cp-cp approx. 1/3 of sul. hairline cp-po vlt, dip 85° @ 37'; 7 py-MoS ₂ & qtz-MoS ₂ vlts, dip 30 & 75° @ 38-41'; numerous hairline qtz-MoS ₂ vlts in stockwork @ 41-42.5';	06667	35-40	.14	.01
			42-48' - numerous cp-po & py-po-cp vlts, dip 45, 50, 70, 75° accompanied by strong diss. sulfides	06668 06669	40-45 45-50	.36 .28	.01 .01

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-3

Sheet 3

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
		TD - 52' - clutch broken 4th time 12 Aug/73.	(py, po, cp in 1/4-1/3 cp) 48-52' - mod. very fine grained diss. sulfides, 1/4 cp w/occas. hairline qtz MoS ₂ vlts, dip 60°;	06670	50-52	.21	.02

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-1

Sheet 1

Latitude _____
 Departure _____
 Inclination -90°
 Elevation _____
 Size _____

Date Collared July 29, 1973
 Date Completed Aug. 1, 1973
 Total Depth 42'
 Drilled By Wright Drilling
 Logged By M. J. Fitzgerald

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
0-11 (10.5" core)	Tuff or arkosic ss	Dense, hard, no evidence of bedding; purplish gray; hornfelsed; feldspar argillized; probable secondary biotite present; mottled appearance due to alteration; pegmatitic vlt. @ 8' cuts diss. py & appears to be post sulfides.	Abundant to very abnt (7-12%) diss. py & po thruout; po appears to predominate in much of core & often intergrown w/cp; diss. sulfides so fine grained that estimation of abundance of py, po, & cp is impossible but cp appears to be a significant component; numerous hairline strgrs py, po, some cp dipping 70-90°; several oxid, sulfide filled fractures dipping 70-80° & 30°; cp in partly oxid vlt, dip 80° @ 4'; cp in partly oxid vlts, dip 35 & 75° @ 4.5'; 7" qtz-bio (alt. tourmaline?-needles) w/py & po; dip 50° @ 6'; 1.5" qtz-bio vlt w/Qtz-feld (pegmatitic) core, no sulfides, dip 35° @ 8';	33901	0-10	1.08	.01

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-1

Sheet 2

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
1-17.7	Siltstone	Hornfelsed, very dense, very fine grained; no evident bedding; numerous qtz vlts	intersecting vlts w/py, qtz-py & some cp & po dipping 60°, 80°, 40°, 45° @ 8.5'; numerous, narrow intersecting py & qtz-py vlts 9-11' w/some cp; vlts dipping 30-40° largely oxid; minor covellite enrichment on cp locally.	33902	10-20	.44	.06
7.7-42	qbfp	Rounded quartz, small altered squarish feld, & biotite phenocrysts in fine grained strongly silicified grdmass; biotite is brownish felted, and is prob. largely secondary; feld phenocrysts in part fresh & in part strongly sericitized; pegmatitic to oplitic zone dip approx. 40" @ 24.5'-25.5' w/consid. lim after sulphides; chl in vlts @ 34-38'.	Weak to moderate (2-5%), locally strongly (7-10%) diss. cp, py, po thruout (av. approx. 3-5% sulphides); thin coatings covellite (secondary) on cp locally thruout; minor diss. MoS ₂ ; occasional qtz-py vlts, dip 60-80%, more numerous qtz vlts w/very minor py, local MoS ₂ , dip 35-50° from 18.5'; vlt min approx. 1/5-1/3 oxid; discontinuous MoS ₂ vlt, dip 85-90° @ 19';	33903	20-25	.44	.01

COBRE EXPLORATION LTD.

Prospect Suskwa

Drill Hole S-73-1

Sheet 3

Interval	Rock Type	Description & Alteration	Mineralization	Sample #	Interval	%Cu	%Mo
		biotite becomes increasingly brownish (phlogopitic) below 25'	2" qtz-MoS ₂ vlt, dip 65° @ 26.5'; 6" silic zone, w/ qtz-py blebs & vlts (some MoS ₂ @ 27.5-28') vlts dip to 65°; 3" qtz-MoS ₂ vlt, dip 60° (MoS ₂ selvages on either side of vlts) @ 29; rather numerous, very short hairline strgs w/MoS ₂ below 30'; diss. sulfides weaker to 2-4% below 30' but appear to be at least 1/2 cp; blebs dendritic native cu in vlts w/chl. dipping 80° @ 35-36'; vlt min. 1/4 oxid @ 33-38'	33904	25-30	.60	.03
			Numerous narrow but not hairline MoS ₂ vlts dip 45°-85° @ 38-40' (includes .1" MoS ₂ vlt, dip 85° @ 39.8'), abundant py, po, some cp; flat vlts (0-20% oxid 40-42'; dissem. py closely assoc. w/brown biotite.	33905	30-35	.32	.04
				33906	35-40	.32	.07
				33907	40-42	.21	.02
		Rods stuck at 42' Lost Hole, Bit, Shell, Rods at 42' Core recovery est. 90-95%					