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CONCLUSIONS:

Based on diamond drill core assays and geological descriptions, copper mineralization on the KENA 18, 20, and 22 M.C.'s favours andesite, rhyodacite tuff, and schist (probably chloritic type) rocks. The highest assay grade over a 3-metre section is 0.5% copper. Within the 0.1% to 0.5% Cu grades, 64% of the core lies between ^{the} 0.1-0.2% Cu range, 28% between the 0.2 to 0.3% Cu range, 5% between ^{the} 0.3-0.4% Cu range, and 2% between the 0.4 to 0.5% Cu range.

The higher copper mineralization, 0.2 to 0.5% Cu grades, occurs in andesites or andesite rocks which show epidote and/or chlorite alteration with silicification, and sometimes calcareous. Pyrite is generally associated with chalcoppyrite, grade not more than 2% and is more widespread in all rocks.



GRADE CATEGORY % Cu	ROCKS	LENGTH ^m of D.D. CORE	% WITHIN GRADE CATEGORY	FEATURES ASSOCIATED WITH COPPER MINERALIZATION
0.30 → 0.40 %		9.0 ^m (5 % of 190 ^m)		
	schistose ANDESITE (8)	3.0 ^m	33.34 % as (8)	
	ANDESITE (7)	3.0	33.33 as (7)	
	RHYOLITIC (11)	3.0	33.33 as (11)	

0.40 → 0.51 %		3.0 ^m (2 % of 190 ^m)		
	ANDESITE (7)	3.0	50 % as (7)	
	RHYOLITIC (11)	3.0	50 as (11)	

GRAND TOTALS 193.0^m (100%)

ROCK TYPE AND COMMON FEATURES :

ROCK TYPE	DRILL CORE IN COPPER MIN. ≥ 0.10 % Cu (193 ^m)		COMMON FEATURES
	LENGTH (m)	% of 193 ^m length	
ANDESITE	44.6 ^m	23.11 %	Epidotized or weak epidote alt'n. or epidote in fract. Qtz-epid-py veinlets; py and/or epid. in fract, ± cpy, ± chl
RYHODACITE TUFF	30.0	15.54	weak to strong foliation, mod. calcareous, qtz+hematite veinlets, - odd spot epidote, limonite fract. Cpy - scattered grains + veinlets, also in fract.
CHLORITE SCHIST	28.0	14.51	well laminated or banded, local silica, ± frag-mental bands and/or schistosity py - veinlets and/or dissem. Cpy - odd veinlet + dissem.
ANDESITE (rhyolitic?)	18.4	9.53	weakly silicified banding, local chl. alt'n. py - veinlets, scattered cpy - minor
SCHISTOSE ANDESITE ± CHL. SCH	14.6	7.56	schistose, chloritic, locally silicified py+cpy veinlets, py veinlets, local dissem. irreg. qtz-calc veinlets
ANDESITE	13.0	6.74	chl + ser. alt'n - weak to mod. py - in qtz-carb. bands cpy - in py veinlets, in qtz-carb veinlets
RHYOLITIC	9.0	4.66	sericitic alt'n. sil py - dissem + veinlets cpy - as veinlets, ± dissem.
ANDESITIC to RHYOLITIC FRAGMENTALS	8.7	4.51	chl. alt'n, poor schistosity, locally sil., irreg. qtz veinlets py - dissem. cpy - in veinlets, minor
CHLORITE-SERICITE SCHIST	6.2	3.21	calcareous py - dissem, minor
RHYOLITE or TACITE	5.2	2.69	sericitic, non-calcareous, f.g. 1-grey or white py - 2%, coarse, dissem.
SERICITE SCHIST	5.0	2.59	calcareous, silicified - strong/weak py - in fract.
RHYOLITIC	4.3	2.23	siliceous, 1-grey to white. py - hairline fract + veinlets
RHYOLITE	3.0	1.55	sericitic throughout, calcareous in part, f.g. to schistose. chl - in hairline fract + in schistose sections. py - 2%+, dissem + in fract, cpy - in fract.
RHYOLITIC	3.0 ^m	1.55 %	Just either a breccia or agglomerate + f.g. flows ± chl. sch, qtz veins partially silicified.

KENA 18, 20, and 22 H.C. - Nelson Project, COPPER MINERALIZATION IN DRILL CORE

Based on 3 Drill Holes, totalling 635.2 metres in Length.

Accumulated Length of Drill Core With Values $\geq 0.10\%$ Cu - Total 193m

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COPPER CONTENT VS ROCK TYPE & ASSOCIATED FEATURES:

GRADE CATEGORY %Cu	ROCKS	LENGTH T.O. OF CORE m	% WITHIN GRADE CATEGORY (64% of 193m)	FEATURES ASSOCIATED WITH COPPER MINERALIZATION
0.10 → 0.20 %		124.0 m	(64% of 193m)	
	RAYODACITE Tuff (10)	27.0 m	21.77 % (of 124m)	weak → strong foliation, mod. calcareous, pyroxenite veins Cpy - scattered grains + veinlets, also in fractures py - ? limonite fract. epidote - odd spot
	ANDESITE (1)	24.0	19.35	Minor carbonate epidote in fract, also py in fract irreg. qtz vein by mass. py. ± chl, ± epid/chl altn, ± cpy
	ANDESITE (2)	16.4	13.23	weakly silicified banding, local chl. altn, py veinlets, scattered Cpy - minor
	ANDESITE (3)	13.1	10.56	Epidotized and/or weak epid. altn, schistose in part ab-epid-py veinlets, epid in fract, minor py-cpy
	CHLORITE SCHIST	7.5	6.05	well laminated, minor silic. ± py veinlets & schistosity Cpy - minor
	RHYOLITE or DACITE	5.2	4.19	light gray, white, f.g. felsitic, non-calcareous py - 2% coarse, dissem.
	schistose ANDESITE ± CHL SCH (4)	5.6	4.52	chloritic, calcareous, locally silicified py-cpy veinlets, py veinlets, local dissem, irreg. qtz-coal veinlets
	CHLORITE-SER. SCHIST (12)	5.1	4.11	calcareous py - dissem, minor
	SERICITE SCHIST	5.0	4.03	Calcareous, silicified - strong local py - in fract.
	RHYOLITIC (4)	4.3	3.47	Gray, siliceous py - hairline fract + veinlets
	ANDESITIC to RHYOLITIC FRAGMENTALS (4)	3.8	3.06	chl altn poor schistosity, locally sil., irreg. qtz veinlets py - dissem Cpy - minor, in veinlets
	RHYOLITIC (5)	3.0	2.42	ind. either a breccia, or agglomerate, & f.g. flows partially silicified ind. chl sch, qtz veins.
	RHYOLITE (6)	3.0	2.42	f.g. to schistose, calcareous in part, sericitic throughout, ± in schistose sections. chl. in hairline fract ± in schistose sections. py - 2% dissem + in fract. Cpy - in fract.
	ANDESITE (7)	1.0 m	0.81 %	Gray, weak to med. chl + seric altn. py - in qtz-coal bands Cpy - of py veinlets + qtz-coal veinlets
0.20 → 0.30 %		54.0 m (28% of 193m)		
	SCHIST	20.5 m	37.96 %	chl. + carbonaceous bands, local silic. & fragmental bands, py - f.g. along foliations + veinlets Cpy - odd veinlet + dissem.
	ANDESITE (1)	7.5	13.89	as (1) above.
	ANDESITE (7)	6.0	11.11	as (7) above.
	schistose ANDESITE ± CHL SCH (8)	6.8	11.11	as (8) above.
	ANDESITIC & RHYOLITIC FRAGMENTALS (4)	4.9	9.07	as (4) above.
	RAYODACITE Tuff (10)	3.0	5.56	as (10) above.
	RHYOLITIC (11)	3.0	5.56	sericitic altn, sil. py - dissem, ± veinlets Cpy - as veinlets + dissem.
	ANDESITE (Rhyolitic) (2)	2.0	3.70	as (2) above.
	CHL-SER SCH (13)	1.1	2.04	as (13) "