SLUDGE ASSAYS

D.D.H. 6	130.0 - 140.0	0.03	% Cu
	140.0 - 150.0	0.03	"
	150.0 - 160.0	0.05	"
	160.0 - 170.0	0.03	"
	170.0 - 180.0	0.03	"
	180.0 - 190.0	0.03	"
	190.0 - 200.0	0.03	"
	200.0 - 210.0	0.04	"
	210.0 - 220.0	0.05	"
	220.0 - 230.0	0.07	"
	230.0 - 240.0	0.06	"
	240.0 - 250.0	0.07	"
	250.0 - 260.0	0.07	"
	260.0 - 270.0	0.12	"
	270.0 - 280.0	0.14	"
	280.0 - 290.0	0.26	"
	290.0 - 300.0	0.23	"
	300.0 - 310.0	0.26	"
	310.0 - 320.0	0.24	"
	320.0 - 330.0	0.24	"
D.D.H. 7	70.0 - 80.0	2.87	" } 2.85/19.0'
	80.0 - 89.0	2.82	" }
D.D.H. 8	70.0 - 80.0	0.07	"
	80.0 - 90.0	0.35	" } 0.28/15.0'
	90.0 - 95.0	0.15	" }
D.D.H. 9	130.0 - 140.0		"
	140.0 - 150.0		"
	190.0 - 200.0		"
	200.0 - 210.0		"
	210.0 - 220.0		"
	220.0 - 229.0		"

Base Line

D.H.#9 (90°)

D.H.#8 (65°)

D.H.#7 (50°)

61° az.

TRENCH #2
ZONE 4-C
chlorite, sericite, minor Cp, Co, na Cu.

trench muck

road

D.H.#6 (projected 50 ft S.E.)

apparent 65-70 E dip

Cp

Co

na Cu

2.85% Cu/19.0' (sludge)

breccia, na Cu

0.10% Cu
9.0'

0.27 % Cu Cp
9.0'

Cp

83.0'

last 13.0' 10-15% recovery
inc. mins. qtz (cp) and sericitic alt with Cp. Cemented at 84.0' and drillers cement cored with fragments of high grade qtz-Cp and Cp. Hole lost at 89.0'.

Py Cp

qtz-Cp

0.07 % Cu
7.5'

0.28% Cu /15.0' (sludge

Cp
qtz

95.0'

last 10.0' < 50%. Strong alt'n qtz with Cp. Cemented at 95.0 but hole abandoned & lost.

Projected 50 feet

? F.W. of trench zone ?

breccia
Cp Bx
3" core recovered

1.14 % Cu
2.0'

na Cu
na Cu

0.05 % Cu
4.0'

na Cu

Cp
Cp

Weathered

qtz, Cp
Cp, Py

0.02 % Cu
4.0'

poor core recovery

Possibly fracture zone

75% recovered
qtz, Cp, talc

0.65 % Cu
7.0'

1" core

clay

sheared

slipping fault

qtz, Cp, Py

2.0%

0.28 % Cu
13.0'

345.6'

fr

na Cu

0.69 % Cu
7.0'

3' core pcas qtz-Cp alt. rk

229.0'

caved; cementing attempted; unsuccessful & hole abandoned

LEGEND

- Quartz-Diorite
- Weak alteration - "pink"
- Chlorite-sericite alteration
- Cp Co — Chalcopyrite, chalcocite
- Gouge

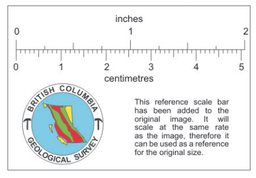

FIGURE 8e

CHATAIVAY EXPLORATION CO. LTD.
HIGHLAND VALLEY PROPERTY

CROSS SECTION
D.D.H. 6, 7, 8, 9

0 20 40 60
Scale in Feet

DATE: 28 JULY, 1965

DRAWN BY:

010553