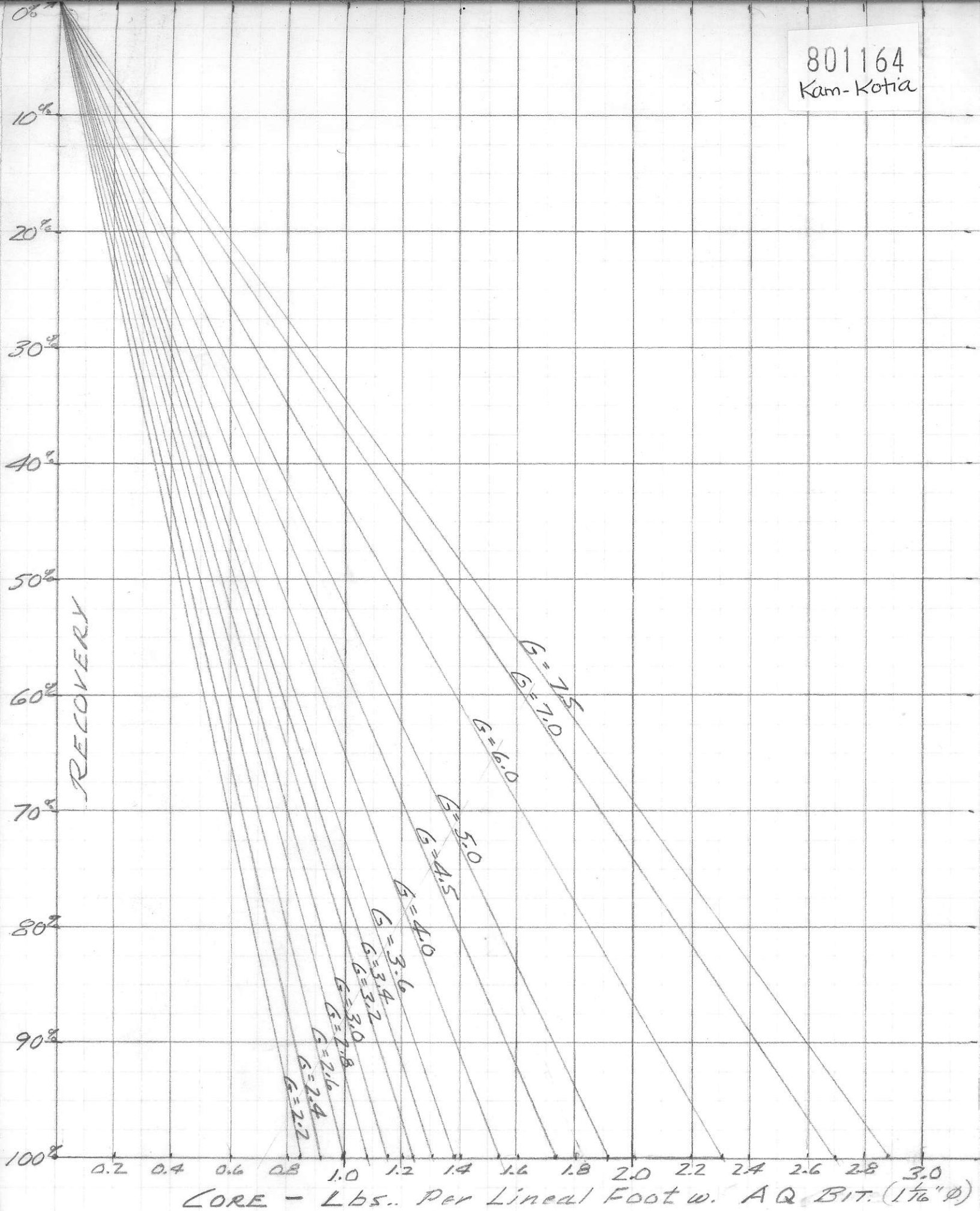
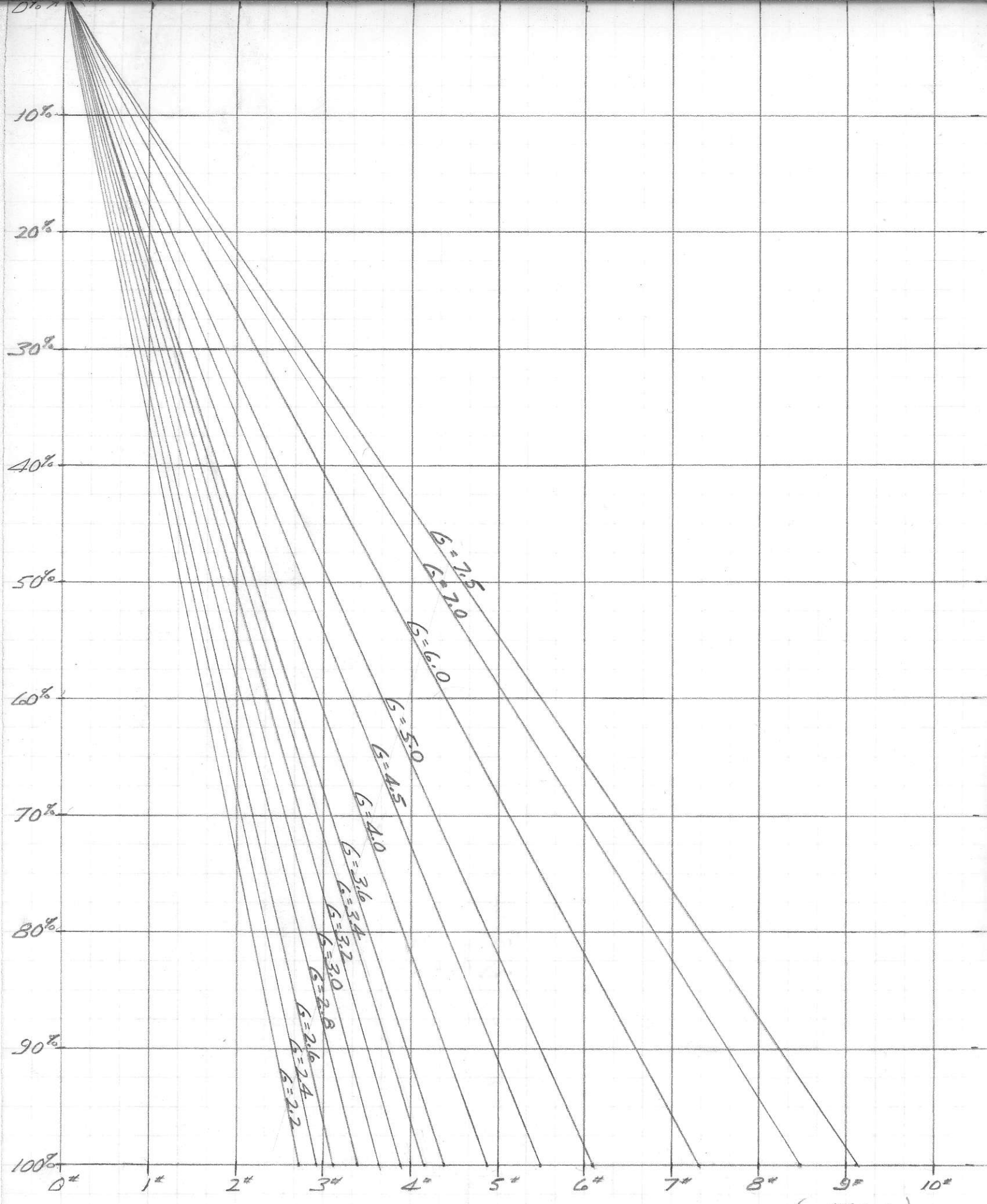
801164
Kam-Kotia




0%
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G = 7.5
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G = 5.0
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G = 4.0
G = 3.6
G = 3.4
G = 3.2
G = 3.0
G = 2.8
G = 2.6
G = 2.4
G = 2.2
0"
1"
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4"
5"
6"
7"
8"
9"
10"
SLUDGE - LBS. PER LIN. FT. OF AQ HOLE (1 57/64" Ø)

Weight per lin. ft. of drill core of various S.G.'s

1 cu. ft water (S.G. @ 40°F) = 62.4#/cu ft

1 cu. in water " = $\frac{62.4}{1728}$ = 0.0361#/cu in

$\frac{144}{12}$ $\frac{288}{144}$ $\frac{}{1728}$

End Area 1 1/16" ϕ (core) = 0.8866 sq. in

1 ft " " = 12 × 0.8866 = 10.64 cu. in./lin. ft.

Wt 1 ft col. water 1 1/16" ϕ × 1 ft. = 10.64 × 0.0361# = 0.384#

Wt per lin ft AQ core w. S.G. @ 2.2 = 0.844#

@ 2.4 = 0.921#

@ 2.6 = 0.998#

@ 2.8 = 1.075#

@ 3.0 = 1.152#

@ 3.2 = 1.229#

@ 3.4 = 1.306#

@ 3.6 = 1.382#

@ 4.0 = 1.536#

@ 4.5 = 1.728#

@ 5.0 = 1.920#

@ 6.0 = 2.304#

@ 7.0 = 2.688#

@ 7.5 = 2.880#

" " " "

End area of 1 57/64" ϕ hole = 2.805 □"

1 lin ft of " " " = 12 × 2.805 □" = 33.66 cu. in./lin. ft.

wt. 1 ft col. water 1 57/64" ϕ × 1 ft = 33.66 × 0.0361# = 1.215#

Wt. per lin ft. AQ hole w S.G. @ 2.2 = 2.67#

@ 2.4 = 2.92#

@ 2.6 = 3.12#

@ 2.8 = 3.40#

@ 3.0 = 3.65#

@ 3.2 = 3.89#

@ 3.4 = 4.14#

@ 3.6 = 4.38#

@ 4.0 = 4.86#

@ 4.5 = 5.48#

@ 5.0 = 6.08#

@ 6.0 = 7.29#

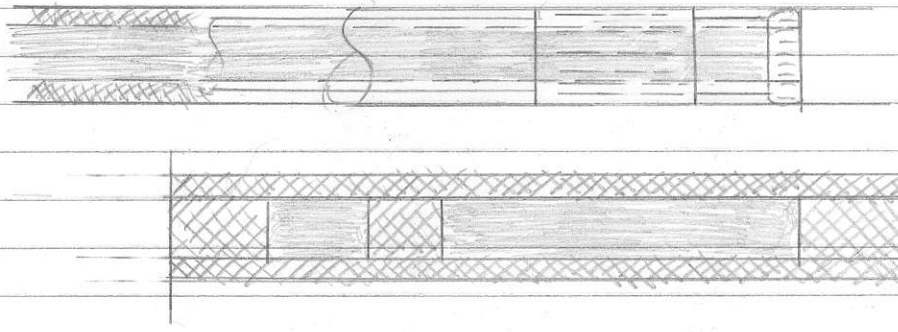
@ 7.0 = 8.44#

@ 7.5 = 9.11#

KOM-KOTIA-BOKKAM JOINT VENTURE

DIAMOND-DRILL EXPLORATION & SAMPLING

GRADE BY CORE + SLUDGE:



$1\frac{1}{16}" = 0.887^{\square"}$

$1\frac{57}{64} = 2.805^{\square"}$

March 28/73.

KIRKLAND - KOTIA - BURKMAN JOINT VENTURE :

CURRENT EXPLORATION PLANS PER CONF. MARCH 28/73 (W.A. GWW. & W.S.)

(1) 4690 #2 X-C AREA : Propose stub X-C - Dr. to explore 4625 (70°) fault-lode (for 4690 seg. of lode) and S.W - N.E fault (30-30° S.E) intersection and nature of swing / displacement.

(2) 2 holes : from 4446 N on 4690 #2 X-C
drill first @ N60°E, -40°, 130' min length
" follow-up @ " , -65°, 115' " "

(3) - pending results of (1) drive 4090 N.W. cut to west to drill position

4625 West Lateral Area :

(1) Drill approx. 3 vert fans of holes to test pres S.E. (area) extension of 4690 No 8 Stope above easterly part of 4625 W. Lat.

(2) Slash S.E. corner + wall of S.E. drift on 4625 fault-lode structure and pres extend as far as next d.d.h. (S.@ +04°)

(3) Drive 4625 F.W. Lat (off of 4625 W. Lat. to N.W. to test No 8 Stope area down dip

4625 Eat lateral - one or two drill holes to test lee side of lode bend over 4625 X-C hump.

4625 #2 X-C :

(1) Extend d.d.h. K149 to 80' (min)
If (1) O.K. pres drill -70° S. hole from this sta (11.150 E)

Miscell :
Continue sub-drifts above 4625 #3 X-C & develop stoping block.

W. A. plan to (later) recommend ~~N.W.~~ push-pull test of N.W. extn of 4625 fault-lode structure itself from 4625 (NW) F.W. lateral.