LOGAN MINE AREA

GEOLOGY
by
HARRY E. NELSON - LICENSE No. 691
LAS VEGAS, NEV.

GENERAL GEOLOGY
from
U.S.G.S. GEOLOGIC MAP
of the
JEROME AREA, YAVAPAI COUNTY, ARIZ.

qd QUARTZ DIORITE

GRANODIORITE PORPHYRY DIKES

VOLCANICS ROCKS - HICKEY FORMATION

QUARTZ or JASPER LENSES, PODS & VEINS

NOTE { BIG CHIEF VEIN - approx. 2000' north of Logan Mine
Samples No. 497 - 4' wide
No. 498 - 4' wide

Tv - Volcanic rocks
Hickey formation

si Quartz or jasper lenses
pods and veins

gp - Granodiorite porphyry
dikes

qd - Quartz diorite

NORTH
declination 14°

F2490-24°
F2491-60°
F2492-60°
F2493-60°

white flag
wood post

75°

shear zone

soft Bradshaw granite

start of dozer cut

8' silicified zone

SCALE 1" = 30'
Oct. 1963

GRAY EAGLE MINING CORPORATION

T. 14 N., R. 3 E., G. & S. R. B. & M.
YAVAPAI COUNTY, ARIZONA

TOPOGRAPHIC MAP
BY
MADDOCK ENGINEERS INTERNATIONAL

Scale 1" = 200' Contour Interval 25'