By Compilation

Overburden Contours

12	OVERBURDEN, UNDIFFERENTIATED
11G	BULL QUARTZ PODS, VEINS
11F	PYROXENITE AND SERPENTINIZED EQUIVALENTS
11E	SMOKEY QUARTZ - FELDSPAR PORPHYRY
11E	PORPHYRITIC HORNBLENDE - BIOTITE QUARTZ DIORITE
11D	EQUIGRANULAR HORNBLENDE - BIOTITE QUARTZ DIORITE
11C	QUARTZ MONZONITE PEGMATITE DIKES
11B	PORPHYRITIC, BIOTITE - QUARTZ MONZONITE
11A	MUSCOVITE - BIOTITE GRANODIORITE
10B	GRAYWACKE, SHALE, SILTSTONE, SANDSTONE, MINOR CONGLOMERATE
10A	CHERT PEBBLE CONGLOMERATE, POLYMICTIC CONGLOMERATE
9C	MASSIVE TO FRAGMENTAL, BASALTIC, METAVOLCANIC ROCKS
9B	CHERT, RIBBON BANDED CHERT, CHERT PEBBLE CONGLOMERATE
9A	SERPENTINITE AND ALTERED EQUIVALENTS
8	EARN GROUP, UNDIFFERENTIATED
7G	CALCAREOUS, MUSCOVITE - CHLORITE PHYLLITE
7F	LAMINARLY BANDED, VARIABLY CALCAREOUS, CHLORITIC PHYLLITE
7E	METABASITE
7D	MASSIVE TO FRAGMENTAL, INTERMEDIATE TO BASIC, METAVOLCANIC ROCKS
7C	THIN - BEDDED, FOSSILIFEROUS, BLUE - GRAY, PHYLLITIC LIMESTONE
7B	GRAPHITC, MUSCOVITE PHYLLITE, SLATE, MINOR METAGRAYWACKE
7A	AMYGDALOIDAL, CHLORITIC PHYLLITE
6	SWIM SULFIDE DEPOSIT, UNDIFFERENTIATED
5H	CARBONACEOUS, BLACK TO BROWN, GRAPTOLITIC SLATES (Howard's Pass Fm.)
5G	VARIABLY CALCAREOUS, GRAPHITIC PHYLLITE HOST TO UNIT 6
5F	CHLORITIC PHYLLITE
5E	PHYLLITIC MARBLE AND SILICATED MARBLE
5D	LAMINARLY BANDED, VARIABLY CALCAREOUS, CHLORITIC PHYLLITE
5C	METABASITE
5B	CALCAREOUS MUSCOVITE CHLORITE ± BIOTITE PHYLLITE
5A	VARIABLY CALCAREOUS, GRAPHITIC PHYLLITE HOST TO UNIT 5
5	UNDIFFERENTIATED UNIT 5
4	GRUM, VANGORDA, DY, FIRTH SULFIDE DEPOSITS, UNDIFFERENTIATED
3J	MUSCOVITE QUARTZITE IN NON - CALCAREOUS PHYLLITE / SCHIST
3H	NON - CALCAREOUS, QUARTZ - MUSCOVITE - CHLORITE PHYLLITE / SCHIST
3G	NON - CALCAREOUS, MUSCOVITE - CHLORITE ± BIOTITE PHYLLITE / SCHIST, UNDIFFERENTIATED
3F	MARBLE AND SILICATED MARBLE
3E	GRAPHITIC PHYLLITE / SCHIST
3D	CALC - SILICATE PHYLLITE / SCHIST
3C	METABASITE
3B	CHLORITIC PHYLLITE / SCHIST
3A	UNDIFFERENTIATED UNIT 3
2	FARO SULFIDE DEPOSIT, UNDIFFERENTIATED
1G	MARBLE AND SILICATED MARBLE
1F	METABASITE
1E	GRAPHITIC SCHIST
1D	CARBONACEOUS, BIOTITE - MUSCOVITE - ANDALUSITE SCHIST
1C	QUARTZO - FELDSPATHIC, BIOTITE - MUSCOVITE - GNEISS / SCHIST
1B	TACTITE AND SILICATED MARBLE
1A	UNDIFFERENTIATED UNIT 1
0	"GRIT UNIT", UNDIFFERENTIATED

Quaternary; L. U. Cretaceous; Triassic; Mississippian; Devonian; Ordovician; L. Silurian; Hadrynian

Earn Assemblage; Blind Creek Group; Vangorda Group; Mt. Wye Group; Faro Group

OUTCROP BOUNDARY SHOWS FIELD STATION NO.'S 526

CONTACT SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE APPROXIMATE

SULFIDE DEPOSIT MARGIN VERTICAL PROJECTION OF DEPOSIT MARGIN

METAMORPHIC TRANSITIONAL BOUNDARY SHOWING TRANSITION OF PHYLLITE (P) TO SCHIST (S)

FAULT SHOWS DIP DIRECTION AND RELATIVE MOVEMENT, SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE APPROXIMATE. U - UPTHROWN SIDE, D - DOWNTHROWN SIDE, ARROWS INDICATE RELATIVE MOVEMENT DIRECTION WHERE KNOWN

THRUST FAULT SHOWS MOVEMENT DIRECTION OF ALLOCHTON

BRECCIA

FLOW FOLIATION INCLINED, VERTICAL, HORIZONTAL

FOLDS SHOWING AXIAL TRACE AND DIRECTION OF PLUNGE, SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE APPROXIMATE

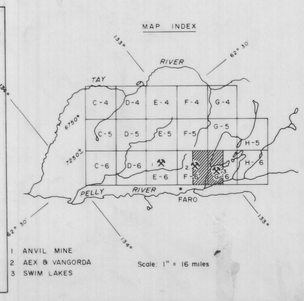
ANTICLINE SYNCLINE

OVERTURNED FOLDS SHOWING AXIAL TRACE, DIRECTION OF PLUNGE AND UPTHROWN SIDE, SOLID WHERE DEFINED, DASHED WHERE INFERRED, DASH - DOTTED WHERE APPROXIMATE

EVENT	PLANAR ELEMENT	LINEAR ELEMENT (SHOWS TREND, PLUNGE & SYMMETRY (NW))	FOLD GENERATION
DEPOSITION	BEDDING	NONE	NONE
D_1	S_1	L_1	F_1
D_2	S_2	L_2	F_2
D_3	S_3	L_3	F_3
D_4	S_4	L_4	F_4
D_5	S_5	L_5	F_5

INCLINED, VERTICAL, HORIZONTAL

MAP INDEX



1 ANVIL MINE
2 AEX & VANGORDA
3 SWIM LAKES

Scale: 1" = 16 miles

ALL WEATHER ROADS
SECONDARY ROADS
TOTE TRAILS
BRIDGES
PRIMARY STREAMS
SECONDARY STREAMS
SWAMPS
CAMP LOCATIONS
DIAMOND D.H. SITES
ROTARY DRILL SITES
TRIANGULATION STATIONS △ 5241
SPOT ELEVATION IN FEET • 3067

inches 0 1 2
centimetres 0 1 2 3 4 5

YUKON GEOLOGICAL SURVEY

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

CYPRUS ANVIL MINING CORPORATION

DY DEPOSIT COMPILATION
OVERBURDEN CONTOURS

REVISED BY
- R.D.H. OCT. 1977

1000 0 1000 2000
Scale: 1" = 1000'

N.T.S. 105
DRAWN BY C.L.C.
DATE
011848