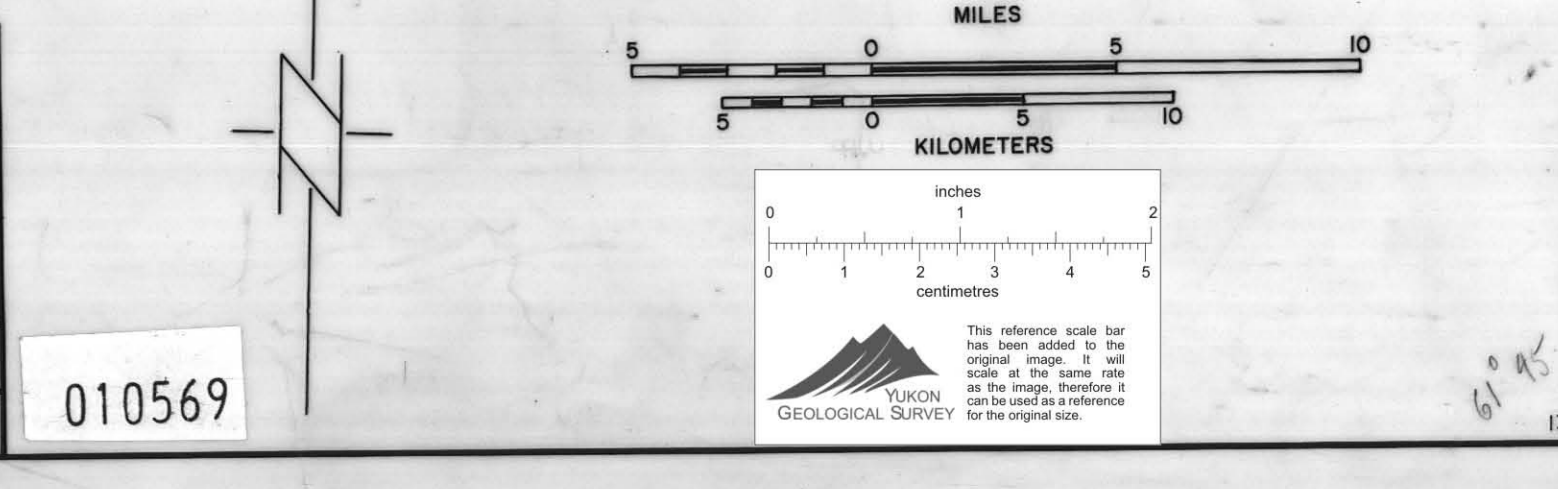




AGE	UNIT	DESCRIPTION
TERTIARY	28	DARK BROWN TO BLACK OLIVINE BASALTIC FLOWS; ALSO WITH ASSOCIATED PORPHYRIES.
	27	GREEN TO DARK GREY FINE GRAINED BASALT, DACITE AND ANDESITE, ALSO WITH ASSOCIATED PORPHYRIES.
CRETACEOUS	26	MEDIUM TO COARSE GRAINED BOTTE GRANODIORITE TO QUARTZ MONZONITE, OFTEN PORPHYRYIC, ALSO RELATED TO ONESBROE.
	25	TAN WEATHERING, SANDY TO SILTY SHALE, MINOR BROWN-BLACK LIMESTONE.
TRASSIC	24	ANVIL RANGE GROUP - UNDIFFERENTIATED VOLCANICS, CHERT AND LIMESTONE.
	23	EARLY GROUP - UNDIFFERENTIATED CHERT, SHALE, QUARTZITE, CONGLOMERATE AND LIMESTONE.
UPPER DEVONIAN TO MISSISSIPPIAN	22	MIDDLE FORMATION: BROWN WEATHERING, MASSIVE BEDED SUBSTONE TO INTERBEDDED SLTWEENE AND BLACK SHALES (TURBIDITES).
	21	SANDSTONE: SLTWEENE BLUE GREY TO BLACK WEATHERING, THINLY LAMINATED TO MASSIVE BEDED BLACK SLTWEENE SHALE WITH INTERBEDDED BLACK CHERT.
	20	MACMILLAN FORMATION: MASSIVE TO CRAGGY DARK GREY TO BLACK WEATHERING, CHERT PEBBLE CONGLOMERATE (COARSE TO FINE GRAINED) TENDING LATERALLY TO GREYWACKE AND BLACK QUARTZITE.
REGIONAL UNCONFORMITY		
ORDOVICIAN TO MIDDLE DEVONIAN	19	190A SLTWEENE FORMATION: MUSTY BROWN WEATHERING TURBIDITE - INTERBEDDED BLACK SHALE WITH 1' TO 20" THICK SLTSTONE TO GREYWACKE BEDS.
	18	DISSEMINATED CHLORITIC PHYLITE - BLACK GRANITIC PHYLITE WITH MINOR LIMESTONE BANDS (2 HOLE GRABBERS).
	17	AMPHIBOLIC CHLORITIC PHYLITE - INCLUDES MINOR TUFFS, BRECCIAS, FLOWS, AND MINOR SERPENTINITE.
	16	GREY WEATHERING, GREY STRIPED AMFILLITE.
	15	GREY TO BUFF WEATHERING, THICK BEDED DOLOMITE, SILTY DOLOMITE QUARTZITE AND FOSSILIFEROUS LIMESTONE.
	14	LIGHT GREY WEATHERING, LIGHT GREY CALCAREOUS SERICITE PHYLITE - CONTAINS LARGE LENSES OF GREENSTONE IN ANVIL RANGE.
	13	LIGHT BROWN TO GREENISH GREY WEATHERING, LIGHT GREEN TO GREY SERICITE PHYLITE.
	12	CHERRY LAKE FORMATION: GREY WEATHERING BLACK TO GREY CHERT INTERBEDDED WITH MUSTY BROWN TO TAN WEATHERING LIGHT GREY TO GREEN PYRITIC SHALE.
	11	TAN TO GREY SHALE WITH WHIPS OF BLACK TO DARK GREY SHALE AND CHERT.
	10	BLACK WEATHERING, BLACK MASSIVE CHERT.
UPPER CAMBRIAN	9	HESS FORMATION: BLACK TO DARK GREY WEATHERING, BLACK GRANITIC SHALE WITH BEDS OF CROSS-BEDED LIMESTONE AND QUARTZITE - TURBIDITE SEQUENCE.
	8	ROAD RIVER FORMATION: BLACK, GREY, WHITE, GREEN, PURPLE, (VARIABLE) CHERT.
	7	ISOWARD PASS FORMATION: SILTWEENE BLUE GREY TO BLACK WEATHERING BLACK TO DARK GREY GRANITIC AND OFTEN GRANULITIC SHALE AND INTERBEDDED BLACK CHERT, DISSEMINATED PYRITE 1 - 50%.
	6	BLACK WEATHERING BLACK QUARTZOSE PHYLITE - MAY CONTAIN LENSES OF GREENSTONE, GRADCS TO QUARTZ - BOTTE SCHIST.
	5	GREY WEATHERING, LIGHT TO DARK GREY MASSIVE CRYSTALLINE LIMESTONE GRADING TO BEEL-BANDED LIMESTONE AND CALCAREOUS BLACK SHALE WITH POOLS OF LIMESTONE.
	4	DARK GREEN, WHITE AND PURPLE BANDED CALCITE SILICATES.
	3	ANVIL RANGE: ORTHOQUARTZITE, SHALE, GREEN PHYLITE, QUARTZ PEBBLE CONGLOMERATE, SILTY LIMESTONE, GREY-BLACK PHYLITE.
MIDDLE TO UPPER CAMBRIAN	2	STAUROLITE GARNET BOTTE MUSCOVITE SCHIST WITH AMPHIBOLITE TO ANDESITE LENSES TO GREEN LUSTROUS OCHROITE MUSCOVITE PHYLITE.
	1	UNCONFORMITY
MADRYNIAN	1	QUARTZITE, LIMESTONE, GRANULITE, CHERT, SHALE, AND PHYLITE.
	2	GREEN AND MAROON SHALE.
	3	GREY WEATHERING, DARK GREY CRYSTALLINE LIMESTONE.
	4	BROWN TO TAN QUARTZITE.

CYPRUS ANVIL MINING CORPORATION
 MACMILLAN PROJECT
 REGIONAL GEOLOGY MAP
 NTS 105 G.H.I.A.K.N.O.P.
 DATE: FEBRUARY, 1977



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