



### LEGEND

<p><b>LITHOLOGY</b></p> <p>QUATERNARY CRETACEOUS - TERTIARY</p> <p>CRETACEOUS ORDOVICIAN OR CRETACEOUS? TRASSIC? LATER ORDOVICIAN? - DEVONIAN? TRASSIC MISSISSIPPIAN? OR TRASSIC? TRASSIC?</p> <p>MISSISSIPPIAN - PERMIAN? U DEVONIAN - MISSISSIPPIAN</p> <p>EARLY GROUP ORDOVICIAN? DEVONIAN?</p> <p>DEVONIAN ORDOVICIAN? - DEVONIAN? ORDOVICIAN? OR SILURIAN ORDOVICIAN? - DEVONIAN?</p>	<p>13 OVERMIDDLE (13) LIMONITE BRECCIA - CONGLOMERATE, UNDIFFERENTIATED TRANSPORTED GOSSAN HORNBLende PORPHYRY DYKES</p> <p>14 ANVIL BATHOLITH AND ASSOCIATED GRANITE INTRUSIVES, (14a) OROPHYRIC IN PART FOLIATED, (14b) PORPHYRYIC QUARTZ- MICA PORPHYRY, (14c) TUFF</p> <p>15a QUARTZ - PORPHYRY, IN PART FOLIATED, AND MICROBRANITE 15b BRECCIA, SHALE, MINOR CONGLOMERATE 15c THICKBEDDED SLTSTONE</p> <p>16a FLYSH FACIES SHYEWIDE AND SHALE 16b BLACK CHERT AND SLATE, MINOR LIMESTONE, (16c) BLEACHED PORPHYRY CHERT, (16d) BLACK SLUGGISH SLATE, (16e) AMPHIBOLITE, TUFF, HYDROTHERMAL BRECCIA</p> <p>17 KALZAS FORMATION, (17a) CALICHEON SLATE, (17b) INTER- BEDDED LIMESTONE, QUARTZITE AND SLATE</p> <p>18a EUPHYRATIC TUFFACEOUS CHERT, (18b) BANDED SILICEOUS TUFF, (18c) ARCTIC WELDED TUFF OR PHYLITE, (18d) QUARTZ - EYE VOLCANIC WAGNE, (18e) METASILTSTONE, (18f) FELSIC METAVOLCANIC</p> <p>19a DAPHNE BEHAIN SILICEOUS TUFF OR EQUALITY 19b INTERBEDDED LIMESTONE AND SLATE, CALCAREOUS TUFFACEOUS SLATE, SLTY DOLOMITE (?) LIMESTONE, GREY BIOLASTIC LIMESTONE</p> <p>20a CHERT, BEDDED BRECCIA - CONGLOMERATE 20b BROWN GRANITOLITE SLATE 20c INTERBEDDED SLTSTONES AND SHALES 20d BLACK ANGLIATED CHERT AND SILICEOUS SLATE</p> <p>21a COARSE BASIC - INTERMEDIATE INTRUSIVE PLUGS AND DYKES 21b INTERMEDIATE GREENSTONES, POSSIBLY METATUFFS 21c SHEAR, CARBONATED VOLCANIC ROCKS 21d Banded SILIC TUFFS AND TUFFWAGES 21e INTERMEDIATE - ACID FRAGMENTAL ROCKS 21f BASIC - INTERMEDIATE FOLIATED AND MASSIVE FLOW 21g BASIC - INTERMEDIATE GREENSTONES, (21h) AMPHIBOLITE 21i GNEISS, OLIGITIC SCHIST, (21j) BANDED SILIC TUFFS AND TUFFWAGES, (21k) COARSE BASIC - INTERMEDIATE INTRUSIVE PLUGS AND DYKES, (21l) OLIGITIC PHYLLITE, (21m) INTERMEDIATE GREENSTONES, POSSIBLY META-TUFFS</p> <p>22a MOTTLED - MICRODYKE SCHIST, (22b) GARNET, STAUROLITE, (22c) MICRO- DYKE - ORIGINE PHYLLITE, (22d) LUMP PHYLLITE, (22e) GRANITIC PHYLLITE, (22f) LIMY, BEDDED PHYLLITE, (22g) INTERBEDDED MUDSTONES AND SLATES, (22h) GNEYSKONE, PUBBLE CONGLOMERATE (22i) ANGLIATED FORMERLY PHYLLITIC</p> <p>23a CALCULATE GNEISS AND PHYLLITE, MINOR SCHIST, PHYLLITE AND MARBLE, (23b) MARBLE AND LIMESTONE, MINOR CALCULATE AND TUFF</p>	<p><b>GENERAL</b></p> <p>OUTCROP LITHOLOGICAL BOUNDARY FLAT ROCK TYPE CHALCOOPYRITE SPHALERITE</p> <p><b>STRUCTURE</b></p> <p>FAULT, OBSERVED, INFERRED EARTH SHALE LINEAMENT SECONDARY STRUCTURE, MEASURED, APPROXIMATE</p> <p>LATER CREULATION CLEAVAGE EARLY FOLD (E1) AXIAL TRACE LATER FOLD (E2) AXIAL TRACE LATER FOLD (E3) AXIAL TRACE LATER FOLD (E4) AXIAL TRACE LATER FOLD (E5) AXIAL TRACE LATER FOLD (E6) AXIAL TRACE LATER FOLD (E7) AXIAL TRACE LATER FOLD (E8) AXIAL TRACE LATER FOLD (E9) AXIAL TRACE LATER FOLD (E10) AXIAL TRACE LATER FOLD (E11) AXIAL TRACE LATER FOLD (E12) AXIAL TRACE LATER FOLD (E13) AXIAL TRACE LATER FOLD (E14) AXIAL TRACE LATER FOLD (E15) AXIAL TRACE LATER FOLD (E16) AXIAL TRACE LATER FOLD (E17) AXIAL TRACE LATER FOLD (E18) AXIAL TRACE LATER FOLD (E19) AXIAL TRACE LATER FOLD (E20) AXIAL TRACE LATER FOLD (E21) AXIAL TRACE LATER FOLD (E22) AXIAL TRACE LATER FOLD (E23) AXIAL TRACE LATER FOLD (E24) AXIAL TRACE LATER FOLD (E25) AXIAL TRACE LATER FOLD (E26) AXIAL TRACE LATER FOLD (E27) AXIAL TRACE LATER FOLD (E28) AXIAL TRACE LATER FOLD (E29) AXIAL TRACE LATER FOLD (E30) AXIAL TRACE LATER FOLD (E31) AXIAL TRACE LATER FOLD (E32) AXIAL TRACE LATER FOLD (E33) AXIAL TRACE LATER FOLD (E34) AXIAL TRACE LATER FOLD (E35) AXIAL TRACE LATER FOLD (E36) AXIAL TRACE LATER FOLD (E37) AXIAL TRACE LATER FOLD (E38) AXIAL TRACE LATER FOLD (E39) AXIAL TRACE LATER FOLD (E40) AXIAL TRACE LATER FOLD (E41) AXIAL TRACE LATER FOLD (E42) AXIAL TRACE LATER FOLD (E43) AXIAL TRACE LATER FOLD (E44) AXIAL TRACE LATER FOLD (E45) AXIAL TRACE LATER FOLD (E46) AXIAL TRACE LATER FOLD (E47) AXIAL TRACE LATER FOLD (E48) AXIAL TRACE LATER FOLD (E49) AXIAL TRACE LATER FOLD (E50) AXIAL TRACE LATER FOLD (E51) AXIAL TRACE LATER FOLD (E52) AXIAL TRACE LATER FOLD (E53) AXIAL TRACE LATER FOLD (E54) AXIAL TRACE LATER FOLD (E55) AXIAL TRACE LATER FOLD (E56) AXIAL TRACE LATER FOLD (E57) AXIAL TRACE LATER FOLD (E58) AXIAL TRACE LATER FOLD (E59) AXIAL TRACE LATER FOLD (E60) AXIAL TRACE LATER FOLD (E61) AXIAL TRACE LATER FOLD (E62) AXIAL TRACE LATER FOLD (E63) AXIAL TRACE LATER FOLD (E64) AXIAL TRACE LATER FOLD (E65) AXIAL TRACE LATER FOLD (E66) AXIAL TRACE LATER FOLD (E67) AXIAL TRACE LATER FOLD (E68) AXIAL TRACE LATER FOLD (E69) AXIAL TRACE LATER FOLD (E70) AXIAL TRACE LATER FOLD (E71) AXIAL TRACE LATER FOLD (E72) AXIAL TRACE LATER FOLD (E73) AXIAL TRACE LATER FOLD (E74) AXIAL TRACE LATER FOLD (E75) AXIAL TRACE LATER FOLD (E76) AXIAL TRACE LATER FOLD (E77) AXIAL TRACE LATER FOLD (E78) AXIAL TRACE LATER FOLD (E79) AXIAL TRACE LATER FOLD (E80) AXIAL TRACE LATER FOLD (E81) AXIAL TRACE LATER FOLD (E82) AXIAL TRACE LATER FOLD (E83) AXIAL TRACE LATER FOLD (E84) AXIAL TRACE LATER FOLD (E85) AXIAL TRACE LATER FOLD (E86) AXIAL TRACE LATER FOLD (E87) AXIAL TRACE LATER FOLD (E88) AXIAL TRACE LATER FOLD (E89) AXIAL TRACE LATER FOLD (E90) AXIAL TRACE LATER FOLD (E91) AXIAL TRACE LATER FOLD (E92) AXIAL TRACE LATER FOLD (E93) AXIAL TRACE LATER FOLD (E94) AXIAL TRACE LATER FOLD (E95) AXIAL TRACE LATER FOLD (E96) AXIAL TRACE LATER FOLD (E97) AXIAL TRACE LATER FOLD (E98) AXIAL TRACE LATER FOLD (E99) AXIAL TRACE LATER FOLD (E100) AXIAL TRACE</p>
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**INDEX OF SOURCES**

1. G.S.C. MAP 13-1961, J.A. RODDICK AND L.H. GREEN 1961, 1" = 4 MILES
2. G.S.C. MAP 106A, D.J. TEMPELMAN - KLUIT, 1972, 1" = 2 MILES
3. SPARTAN EXPLORATIONS LTD., MUR CLAIMS, 1" = 400 FEET
4. KANGAROO EXPLORATION CORPORATION, 1972, 1" = 500 FEET
5. RIDGEMONT MINING CORPORATION (P.F.L.), 1973, 1" = 1000'
6. RIDGEMONT MINING CORPORATION (P.F.L.), 1973, 1" = 1/2 MILE

**RIDGEMONT MINING CORPORATION**

**ANVIL RANGE PROJECT**

**GEOLOGICAL COMPILATION**

**SHEET 2**

011252

COMPILED: P.F.L. SCALE: 1 inch = 1/2 mile N.T.S. SHEET 105 K  
DATE: DEC 1973 SCALE IN MILES MAP 2 of 14

