



LITHOLOGY		GENERAL		INDEX OF SOURCES					
<p>12 OVERBURDEN (12a) LIMONITE BRECCIA - CONGLOMERATE, UNCONSOLIDATED TRANSPORTED GOSSAN 12b HORNBLAND PORPHYRY DYKES</p> <p>13 ANVIL PATHOLITH AND ASSOCIATED GRANITIC INTRUSIVES (13a) QUARTZITE, IN PART FOLIATED, (13b) PORPHYRY QUARTZITE 13c SPECIFIC CRYSTAL TUFF (13d) BRITTLE - QUARTZ - FELDSPAR PORPHYRY DYKES (13e) QUARTZ - PORPHYRY, IN PART FOLIATED, AND METAGRAFITIC (13f) SHEARAGE, SHALE, MINOR CONGLOMERATE (13g) THICKENED SILTSTONE (13h) FINE-GRANULAR BRECCIA AND SHALE (13i) BLACK CHERT AND SLATE, MINOR LIMESTONE, (13j) BILLAGED PYRITE CHERT, (13k) BLACK SILICEOUS SLATE, (13l) APALITE, TUFF, HYDROTHERMAL BRECCIA</p> <p>14 KALZAS FORMATION, (14a) CALCAREOUS SLATE, (14b) INTERBEDDED LIMESTONE, QUARTZITE AND SLATE (14c) ARGILLIC TUFFACEOUS CHERT, (14d) BANDED SILICEOUS TUFF, (14e) ARGILLIC WELDED TUFF OR BREVOLITE, (14f) QUARTZ - EYE VOLCANIC WACK, (14g) ORTHOQUARTZITE, (14h) FINE-GRANULAR BRECCIA (14i) SULPHIDE BEARING SILICEOUS TUFF OR EXHALITE</p> <p>15 INTERBEDDED LIMESTONE AND SLATE, CALCAREOUS TUFFACEOUS SLATE, SILTY CALCAREOUS (?) LIMESTONE, VERY BIOLASTIC LIMESTONE, (15a) CHERT, BEDDED BRECCIA - CONGLOMERATE (15b) BROWN GRANULITIC SLATE (15c) INTERBEDDED SILTSTONES AND SHALES (15d) BLACK ARGILLACEOUS CHERT AND SILICEOUS SLATE</p>	<p>QUATERNARY CRETACEOUS - TERTIARY</p> <p>CRETACEOUS OROVICANIAN - LATER OROVICANIAN ? - DEVONIAN ? TRASSIC MISSISSIPPIAN ? or TRASSIC ? TRASSIC ?</p> <p>MISSISSIPPIAN - PERMIAN ? DEVONIAN - MISSISSIPPIAN DEVONIAN ? OROVICANIAN - DEVONIAN ? DEVONIAN OROVICANIAN - DEVONIAN ? OROVICANIAN or SILURIAN OROVICANIAN ? - DEVONIAN ?</p>	<p>16 COARSE BASIC - INTERMEDIATE INTRUSIVE PLUGS AND DYKES 17 INTERMEDIATE AND BASIC METASUPERS 18 METAMORPHOSIS HYDROTHERMALLY ALTERED VOLCANIC ROCKS 19 UNBANDS, CARBONATIZED VOLCANIC ROCKS 20 BANDED SILICEOUS TUFFS AND TUFFACIOUS 21 INTERMEDIATE - ACID FRAGMENTAL ROCKS 22 BASIC - INTERMEDIATE FLOWING AND MASSIVE FLOWS 23 BASIC - INTERMEDIATE GREENSTONES, (23a) AMPHIBOLITE 24 INTERMEDIATE AND BASIC SILICEOUS TUFFS 25 TUFFACIOUS SILICEOUS SILICEOUS INTERMEDIATE INTRUSIVE PLUGS AND DYKES, (25a) OROVICANIAN PHYLITIC 26 INTERMEDIATE AND BASIC SILICEOUS TUFFS 27 SILICEOUS - WAGGONITE SILICEOUS, STANNITE, (27a) MISC DYKES - CHALCOPHILITE, (27b) SILICEOUS, (27c) SMALPHITIC PHYLITIC, (27d) SILICEOUS, (27e) PHYLITIC, (27f) INTERBEDDED SILTSTONE AND SLATES, (27g) SILICEOUS, (27h) SILICEOUS (28) CALCAREOUS SILICEOUS AND PHYLITIC, MINOR SILICEOUS, PHYLITIC AND SILICEOUS, (28a) MANGANESE AND LIME, MINOR SILICEOUS AND TUFFS</p>	<p>28 TUFF 29 LITHOLOGICAL BOUNDARY 30 FLAT ROCK TYPE 31 CHALCOPHILITE 32 SPHALERITE</p> <p>33 FOLIO, OROVICANIAN 34 FOLIO, SILICEOUS 35 DEGREE, ATTITUDE, BEARING 36 STRIKE SLIP, NORMAL 37 LATER DEFORMATION FOLDING 38 FOLIO, OROVICANIAN 39 FOLIO, SILICEOUS 40 DEGREE, ATTITUDE, BEARING 41 STRIKE SLIP, NORMAL 42 LATER FOLD AXIS, F<sub>2</sub> 43 FOLIO, OROVICANIAN 44 FOLIO, SILICEOUS 45 DEGREE, ATTITUDE, BEARING 46 STRIKE SLIP, NORMAL 47 LATER FOLD AXIS, F<sub>2</sub> 48 FOLIO, OROVICANIAN 49 FOLIO, SILICEOUS 50 DEGREE, ATTITUDE, BEARING 51 STRIKE SLIP, NORMAL 52 LATER FOLD AXIS, F<sub>2</sub></p>	<p>1 U.S.C. MAP 13-1961, J.A. R. BUCK AND L.J. GREEN, 1961, 1" x 4" SCALE 2 U.S.C. MAP 1048, D.J. TEMPELMAN - KLUIT, 1972, 1" x 2" SCALE 3 SPIRITAN EXPLORATIONS LTD., TRY CLAIMS, 1971, 1" x 400 FEET 4 VANGARO EXPLORATION CORPORATION, 1972, 1" x 500 FEET 5 RIDGEMONT MINING CORPORATION, (G.P.), 1973, 1" x 1/2 MILE 6 RIDGEMONT MINING CORPORATION, (P.F.), 1973, 1" x 1/2 MILE 7 ATLAS EXPLORATIONS LTD., OWL CLAIMS, 1970, 1" x 1000 FEET</p>	<p>1 1:250,000</p> <p>2 1:500,000</p> <p>3 1:1,000,000</p> <p>4 1:2,000,000</p> <p>5 1:4,000,000</p> <p>6 1:8,000,000</p> <p>7 1:16,000,000</p>	<p>1 SHEET 1</p> <p>2 SHEET 2</p>	<p>1:250,000</p> <p>1:500,000</p> <p>1:1,000,000</p> <p>1:2,000,000</p> <p>1:4,000,000</p> <p>1:8,000,000</p> <p>1:16,000,000</p>	<p>1:250,000</p> <p>1:500,000</p> <p>1:1,000,000</p> <p>1:2,000,000</p> <p>1:4,000,000</p> <p>1:8,000,000</p> <p>1:16,000,000</p>	<p>1:250,000</p> <p>1:500,000</p> <p>1:1,000,000</p> <p>1:2,000,000</p> <p>1:4,000,000</p> <p>1:8,000,000</p> <p>1:16,000,000</p>

**RIDGEMONT MINING CORPORATION**  
**ANVIL RANGE PROJECT**  
**GEOLOGICAL COMPILATION**  
**SHEET 1**  
 011251  
 MAP 1 of 14

COMPILED BY P.F.L.  
 DATE DEC. 1973  
 SCALE 1:250,000  
 N.T.S. SHEET 105K

