



ANDREW



1:50 000 THE MOUNT READ VOLCANIC PROJECT

GEOLOGICAL SURVEY OF TASMANIA - DEPARTMENT OF MINES - HOBART

METALLIC MINERAL DEPOSITS MAP SERIES SHEET 8013-III



INDEX OF DEPOSITS

NAME	COMMODITIES
290 Mt. Lyell Consols	Cu, Pb, Zn
291 Thompson's P.A.	Cu
292 State Spur Gold	Au
293 North Prince Darwin	Cu, Ag
294 Clark Valley	Au
295 Section 3184	Cu, Ag, Au
297 North Darney	Au
298 Section 3323	Cu, Ag
299 Prince Darwin Mine	Cu, Ag, (py, hem, mag)
300 Fossiliferous Limestone	py, hem
301 Casbolt's Section	hem
302 South Prince Darwin	py, hem
303 Cowen's Section	Cu, Ag
304 Section 3581	Cu, Ag
305 Section 3558	Ba, (Au, Ag)
306 Section 3562	Cu, Ag
307 Faerman Darwin Extended	Cu
308 Faerman Darwin	hem
309 Section 5271	hem
309 Birt River	Au
310 Clark Valley	Au
311	Pb

COLOUR	SYMBOL	MINERALS / COMMODITIES
Black	Pb, Zn	Galena, sphalerite, other lead, zinc minerals. Lead Zinc
Red	Ag	Silver in sulphides, native silver. Silver
Yellow	Au	Native gold, gold in sulphides, tellurides. Gold
Red	Cu	Chalcopyrite, other copper minerals. Copper
White	Sn	Cassiterite, stannite. Tin
White	W	Scheelite, wolframite. Tungsten
White	As	Arsenopyrite. Arsenic
White	Sb	Antimony minerals. Antimony
White	Bi	Bismuthite, bismuth, others. Bismuth
Black		Non-metallic gangue minerals, chiefly barite.
Brown	Fe	Pyrite, magnetite, hematite. Goethite
White		Unknown

FORM OF DEPOSIT

◇	MASSIVE STRATIFORM	direction of symbol indicates strike of deposit
☐	DISSEMINATED	strike indicated
○	VEIN	strike indicated
⊙	MULTIPLE VEIN OR STOCKWORK	
▽	ALLUVIAL / RESIDUAL	Quaternary
△	ALLUVIAL / RESIDUAL	older than Quaternary
◇	UNKNOWN	

VALUE OF DEPOSIT *

< \$10 ⁶	006
\$10 ⁶ - \$10 ⁷	061
\$10 ⁷ - \$10 ⁸	056
> \$10 ⁸	002

* Based on published production plus reserves and the metal prices published in B.M.R. Monthly Bulletin for 30/4/86



COMPILED BY: A. L. BARNFORD B.Sc.
G. R. GREEN B.Sc. (Hons.), Ph.D.
CARTOGRAPHY BY: M. J. DAVIE M.I.D., K.G. BIRD M.I.D.
COMPILED UNDER DIRECTION OF: H. MURCHE B.Sc.
Director of Mines
UNDER THE AUTHORITY OF THE MINISTER FOR MINES
1st Edition 1986

SCALE 1:50 000
CONTOUR INTERVAL 40 METRES

MINERALIZATION

QUATERNARY	TERTIARY	JURASSIC	PERMIAN	DEVONIAN	SILURO-DEVONIAN	ORODOVICIAN	LATE CAMBRIAN-EARLY ORODOVICIAN	CAMBRIAN DUNDAS GROUP AND CORRELATES	TYNDALL GROUP	CENTRAL ASSOCIATION OF MOUNT READ VOLCANICS North West of Henty Fault
Qa Tailings and mine waste.	Tb Basalt.	Jb Dolomite.	P Glacio-marine and non-marine sequences.	Dg Andesite (Dga) and basaltic (Dgb) volcanics.	S-D Shallow water marine siliceous sandstone, mudstone and minor limestone. Eldon Group and correlatives.	Og Limestone, dolomite and mudstone. Gordon Limestone and correlatives.	OC Siliceous conglomerate, sandstone and minor mudstone. Locally volcanoclastic conglomerate at base. Owen Conglomerate and correlatives.	Cg Quartz-feldspar porphyry; mainly intrusive.	Ct1 Volcanoclastic conglomerate, sandstone and mudstone. Minor tuff.	C2a Quartz-feldspar porphyry, mainly intrusive.
Qb Alluvium, marsh and swamp deposits.	Tc Non-marine sediments.	Jc Dolomite.		Dd Granite rocks.		Od Dolomitic sandstone, siltstone, minor conglomerate.	Cd Polycryst conglomerate.	Cd1 Lithowacke-siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Ct2 Quartz-feldspar phytic tuff and agglomerate. Minor lava.	C2c Quartz-phyric lava.
Qc Siltstone, shale, mudstone, bedded tuff. Units of bedded tuff, in places graded, siltstone, mudstone and agglomerate indicated (Eca). Units of black mudstone, siltstone, fine-grained siliceous sandstone and coarse-grained volcanoclastic sandstone indicated (Ecm). Chert indicated (Ecs).						Od1 Siliceous lithowacke, quartzwacke, mudstone. Conglomerate facies indicated (Edg).	Cd2 Fabric volcanic lithowacke, siltstone (Edw), felsic tuff (Edw1) of White Spur Formation.	Cd3 Lithowacke-siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Ct3 Mudstone and volcanoclastic sandstone.	C2d Basalt lava.
Qd Andesite, feldspar-pyroxene porphyry intrusives.						Cd4 Siliceous lithowacke, siltstone (Edw), felsic tuff (Edw1) of White Spur Formation.	Cd5 Shale and siltstone.	Cd6 Lithowacke-siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Ct4 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2e Andesite lava.
Qe Undifferentiated glacio-genic deposits.						Cd7 Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Cd8 Epitaxial breccia and sandstone with clasts of basalt, andesite, felsic lava and massive sulphide. Intersections of andesite and basaltic volcanics, felsic lava and massive sulphide.	Cd9 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Ct5 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2f Felsic lava.
						Cd9a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Cd10 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd10a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct6 Quartz-feldspar phytic tuff and agglomerate. Minor lava.	C2g Felsic lava-feldspar-phyric or aphyric. Unit of hornblende-phyric lava and minor tuff (Eclm) indicated.
						Cd10b Epitaxial breccia and sandstone with clasts of basalt, andesite, felsic lava and massive sulphide. Intersections of andesite and basaltic volcanics, felsic lava and massive sulphide.	Cd11 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd11a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct7 Mudstone and volcanoclastic sandstone.	C2h Felsic tuff and agglomerate. Dominantly ignimbrite (Ecl). Dominantly agglomerate (Ecl), crystal-tuff tuff and epidiorite rocks (Ecl), vitric tuff (Ecl).
						Cd11b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd12 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd12a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct8 Quartz-feldspar phytic tuff and agglomerate. Minor lava.	C2i Siltstone, shale, minor sandstone and tuff. Chert indicated (Ecsi).
						Cd12b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd13 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd13a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct9 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2j Quartz-phyric lava.
						Cd13b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd14 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd14a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct10 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2k Basalt lava.
						Cd14b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd15 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd15a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct11 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2l Andesite lava.
						Cd15b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd16 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd16a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct12 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2m Felsic lava-feldspar-phyric or aphyric. Unit of hornblende-phyric lava and minor tuff (Eclm) indicated.
						Cd16b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd17 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd17a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct13 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2n Felsic tuff and agglomerate. Dominantly ignimbrite (Ecl). Dominantly agglomerate (Ecl), crystal-tuff tuff and epidiorite rocks (Ecl), vitric tuff (Ecl).
						Cd17b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd18 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd18a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct14 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2o Siltstone, shale, mudstone, bedded tuff. Units of bedded tuff, in places graded, siltstone, mudstone and agglomerate indicated (Eca). Units of black mudstone, siltstone, fine-grained siliceous sandstone and coarse-grained volcanoclastic sandstone indicated (Ecm). Chert indicated (Ecs).
						Cd18b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd19 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd19a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct15 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2p Andesite, feldspar-pyroxene porphyry intrusives.
						Cd19b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd20 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd20a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct16 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2q Grey-green intermediate or mafic agglomerate, tuff, lava and intrusives.
						Cd20b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd21 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd21a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct17 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2r Dominantly green chlorite-rich feldspar porphyry lava of andesite to diorite composition with minor tuff and siltstone.
						Cd21b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd22 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd22a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct18 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2s Intermediate to felsic graded, bedded agglomerate and crystal tuff interbedded with volcanoclastic sandstone, mudstone and mafic dikes (Other sequence).
						Cd22b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd23 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd23a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct19 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2t Dominantly massive feldspar porphyry lava and intrusive rocks, in places flow-banded or coarsely fragmental. Some phenocryst-poor varieties.
						Cd23b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd24 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd24a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct20 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	C2u Dominantly massive feldspar-phyric tuff and agglomerate, rare mudstone and sandstone.
						Cd24b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd25 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd25a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct21 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd25b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd26 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd26a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct22 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd26b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd27 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd27a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct23 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd27b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd28 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd28a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct24 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd28b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd29 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd29a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct25 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd29b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd30 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd30a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct26 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd30b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd31 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd31a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct27 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd31b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd32 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd32a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct28 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd32b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd33 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd33a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct29 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd33b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd34 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd34a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct30 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd34b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd35 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd35a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct31 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd35b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd36 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd36a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct32 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd36b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd37 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd37a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct33 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd37b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd38 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd38a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct34 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd38b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd39 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd39a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct35 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd39b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd40 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd40a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct36 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd40b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd41 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd41a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct37 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd41b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd42 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd42a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct38 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd42b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd43 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd43a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct39 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd43b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd44 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd44a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct40 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd44b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd45 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd45a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct41 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd45b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd46 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd46a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct42 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd46b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd47 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd47a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct43 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd47b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd48 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd48a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct44 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd48b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd49 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd49a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct45 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd49b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd50 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd50a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct46 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd50b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd51 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd51a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct47 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd51b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd52 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd52a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct48 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd52b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd53 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd53a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct49 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd53b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd54 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd54a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct50 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd54b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd55 Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous lithowacke (Edg) indicated.	Cd55a Basalt (Cdb) and andesite (Cda) of Mount Read Volcanics.	Ct51 Interbedded quartz-rich sandstone, conglomerate and mudstone (Made to Late Cambrian-Devonian Stage beds).	
						Cd55b Siliceous lithowacke, siltstone. Micaceous lithowacke (Edm) and tuffaceous				