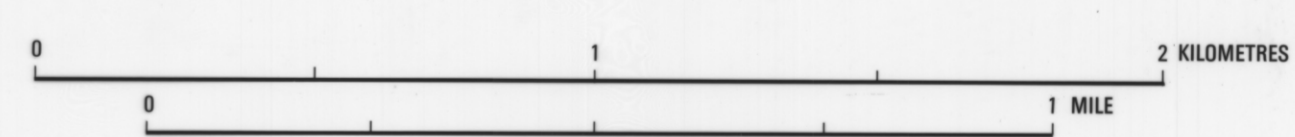


GEOLOGY OF THE ROSEBERY AREA

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QUATERNARY		Biological boundary-observed. Dip shown by tick where measured.
	Differentiated glacial, fluvioglacial, periglacial and fluvial deposits.	Biological boundary-approximate.
	Blue-mud deposits (indicated by tick where measured).	Biological boundary-inferred.
CAMBRIAN		Fault, approximate.
	Acid volcanic rocks, mainly quartz-feldspar porphyry.	Fault, inferred.
	Mafic to intermediate, generally fine grained, intrusive rocks.	Strike and dip of bedding. Facing known from sedimentary features.
MOUNT BLACK VOLCANICS		Strike and dip of overturned bedding. Facing known from sedimentary features.
	Crystal tuff and lava of andesite to dacite composition (agglomerate indicated (A)).	Strike and dip of bedding. Facing unknown.
	Mafic, flow-banded, and subvolcanic phyllosilic-phyllic rhyolite lava, with minor pyroclastic units. Breccias indicated (B).	Strike and dip of primary foliation in volcanic rocks.
PRIMROSE PYROCLASTICS		Strike and dip of shaly cleavage, spaced cleavage in volcanic rocks.
	Rhyolite crystal and tuff and breccia of mainly rhyolite composition. Shale-sandstone breccias indicated (BB). Breccias indicated (B). Quartz-phyllic rocks indicated (Q).	Vertical cleavage.
	North Plains area.	Strike and dip of cross-bedded cleavage.
	Quartz-feldspar bearing graded breccia in banded tuff.	Asial trace of major anticline, syncline, observed.
	Dacite crystal tuff.	Asial trace of major anticline, syncline, approximate.
West Hill and corallites		Asial trace of major anticline, syncline, inferred.
	Black shale-siltstone-sandstone breccias. Volcanic breccias indicated (V).	Asial trace of inferred faulted anticline.
	Quartz-phyllic volcanic rock (indicated Q).	Asial trace of overturned syncline.
CRIMSON CREEK FORMATION CORRELATE		Minor fold, early generation with plunge, dip of axial surface shown.
	Massive or green shale-siltstone sequence with horizons of mafic volcanoclastic sandstone.	Minor fold, later generation with plunge, dip of axial surface shown.
ROSEBERY GROUP		Minor fold with vertical, no structural asymmetry looking down plunge.
	Slate, quartz, mica sandstone. Minor dolomite units indicated (D).	Proposed abandoned mine or prospect.
	Quartz-phyllic rhyolite tuff (Williamsford Volcanics).	Mine.
	Quartz-phyllic rhyolite tuff and breccia (Rosebery Volcanics).	Diamond drill hole.
	Polymict, feldspar-bearing, conglomerate and sandstone (Salsbery Conglomerate).	
	Dolomitic siltstone and shale, minor siltstone conglomerate units (indicated (C)).	
	Minor sandstone (indicated (S)).	
	Quartz, mica, feldspar, black slate. Minor conglomerates (Rose Quartzite).	
	Strongly dolomitic zone (indicated (D)).	
	Black slate with acid volcanoclastic sandstone (indicated (V)).	

CONTOUR INTERVAL 100 METRES

BASE MAP ADAPTED FROM ELECTROLYTIC ZINC CO. COMPILATION