

GEOLOGY OF THE FARM-IN PORTION OF THE TENEMENT

Minor Pre-Cambrian Oonah Formation basement rocks, comprised of schists, quartzites, siltstones, shales, spillitic lavas and pyroclastics, form an infaulted block within the Cambrian Dundas Group in the central eastern portion of the farm-in area.

Cambrian sedimentation appears confined to fault bounded blocks or graben structures abutting the Pre-Cambrian Tyennan Block to the east. The rocks are predominantly rapidly deposited, shallow water sediments including argillites, grits, conglomerates, greywackes and shales with minor cyclical volcanic sedimentation (agglomerates, tuffs and tuffaceous cherts and shales).

The Ordovician to Devonian Strata of the Zeehan Basin occur within a series of synclinal structures with north-west axial trends. The quartzose and hematitic Mt. Zeehan Conglomerate at