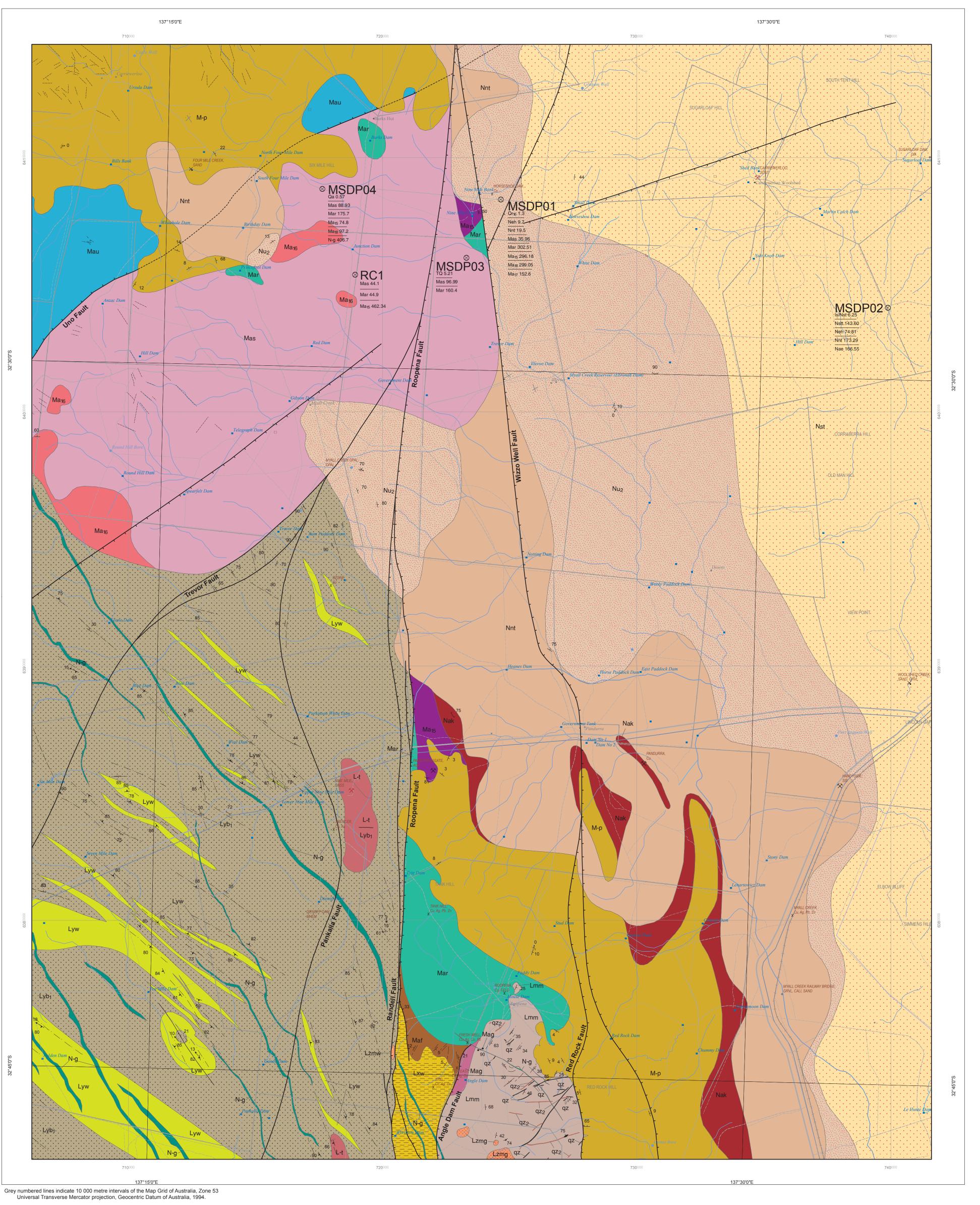
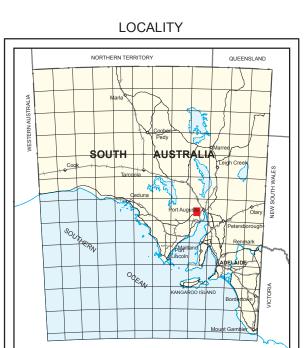
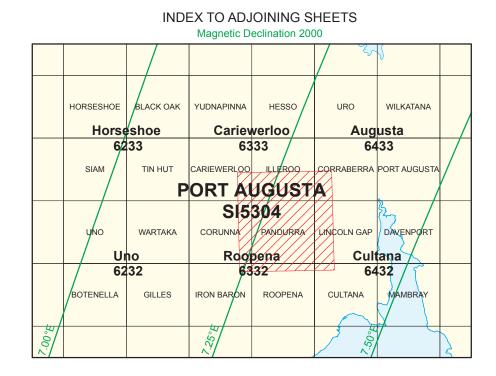
INTERPRETED PROTEROZOIC SOLID GEOLOGY OF SIX MILE HILL - MINERAL SYSTEMS DRILLING PROGRAM SPECIAL MAP SERIES

GEOLOGICAL SURVEY OF SOUTH AUSTRALIA DEPARTMENT OF STATE DEVELOPMENT





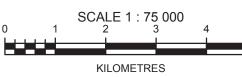


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Geological mapping and compilation: Compiled by M.J. Pawley, M. Werner, C.B.E. Krapf and S.O. McAvaney. Drafting and cartography by J.A. Irvine B.Sc. S.M. Hill, Ph.D., Director, Geological Survey of South Australia.

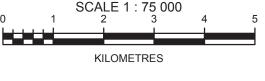
Topographic detail based on TOPO-250K GEODATA (source scale 1:250 000) supplied by Geoscience Australia - National Mapping Division, ACT. The relationship between this data and PIRSA data is not guaranteed. Computer generated from SA_GEOLOGY database (Digital data available upon request)

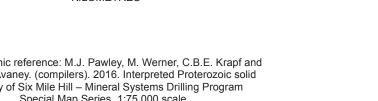
Current version 2016.1 Product of DSD Geological Survey of South Australia. Published by, and with the authority of, the Department of State Development. December 2016



Bibliographic reference: M.J. Pawley, M. Werner, C.B.E. Krapf and S.O. McAvaney. (compilers). 2016. Interpreted Proterozoic solid geology of Six Mile Hill – Mineral Systems Drilling Program Special Map Series, 1:75 000 scale. Geological Survey of South Australia, Adelaide.

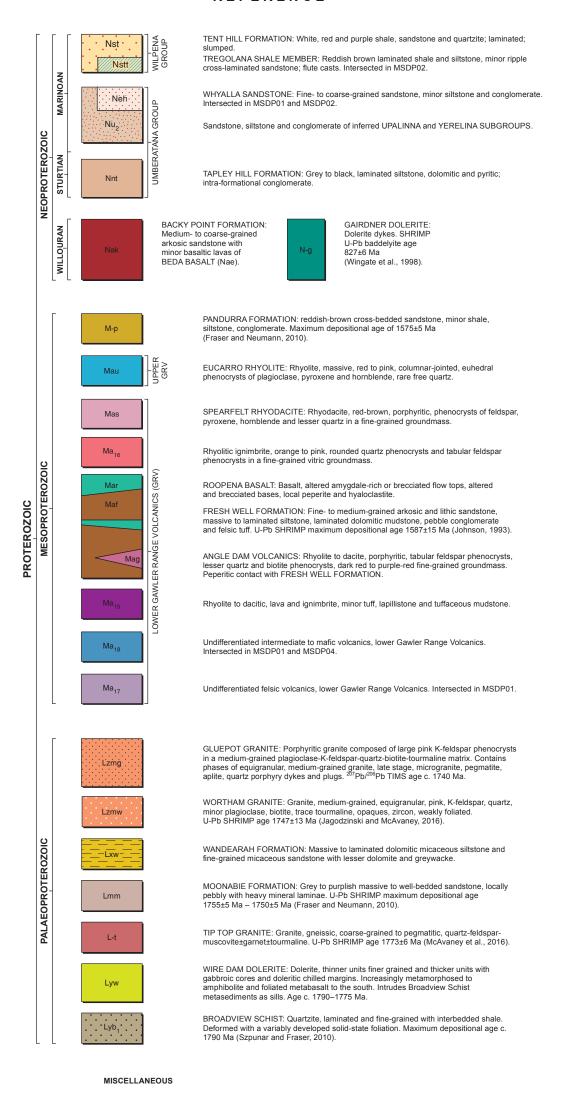
This map is produced on the Geocentric Datum of Australia (GDA94) The sheetedge of this map will not coincide with adjoining maps based on the superseded datum (AGD84)





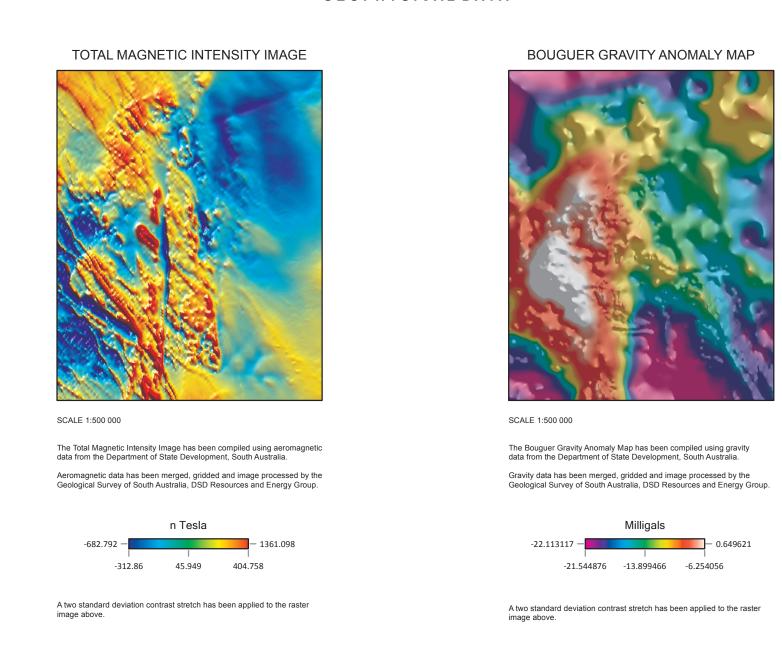


REFERENCE



GEOPHYSICAL DATA

Quartz veins/bodies, undifferentiated.



SOLID GEOLOGY - LINEAR STRUCTURE			GEOMORPHIC FEATURES		COMMODITIES	
FAULT FAULT NORMAL RELATIVE DISPLACEMENT			BORE	•	Ag AGA	Silver Agate
TREND-LINE				-	Au Co	Gold Cobalt
CUL	TURAL FEATURES		RELIEF FEATURES IDENTIFIED POINT		Cu DIA FELD GNSS	Copper Diamond Feldspar Gneiss
PRINCIPAL ROAD			MINING		GRVL MHEM	Gravel Micaceous Hemat
MINOR ROADS			OCCURRENCE	•	OPAL	Opal
VEHICULAR TRACKS			PROSPECT	Χ	Pb QTZE	Lead Quartzite
OPERATIONAL RAILWAY	BUILDING		MINE - METALS AND INDUSTRIAL MINERALS	*	SAND	Sand
FENCE	RUIN		QUARRY - CONSTRUCTION MATERIALS (HARD ROCK)	*	SDST SIS	Sandstone Silica sand
0771	OTUDA: 55 ATUDEO		PIT/CUT - CONSTRUCTION MATERIALS (SAND AND/OR CLAY)	*	Zn	Zinc
STRUCTURAL FEATURES			DIGGINGS - ALLUVIAL GOLD/GEMS	×		
HORIZONTAL SEDIMENTARY BEDDING	_ JOINT					
CURRENT DIRECTION	Z-STYLE CRENULATION AXIS					
FORESET BEDDING	SCHISTOSITY	·	DRILLHOLE REFERENCE			
PLANAR VOLCANIC AUTOCLAST ALIGNMENT.	MYLONITIC FOLIATION	<u>~</u>				
VOLCANIC FLOW BANDING	LINEAR STRUCTURAL ELEMENT		SELECTED DRILLHOLE	\otimes		
IGNEOUS INTRUSIVE DYKE	TECTONIC FOLIATION		STRATIGRAPHY (THICKNESS IN	Nstt 130.33		
VEIN	•		METRES)	Nsn 10.31		





For the surface geology of Six Mile Hill, please refer to Krapf, C.B.E., Werner, M., Pawley, M.J. and McAvaney, S.O. (compilers). 2016. Surface Geology of Six Mile Hill – Mineral Systems Drilling Program Special Map Series, 1:75 000 scale. Geological Survey of South Australia, Adelaide. For detailed descriptions of stratigraphy, structural geology and geological history of the Six Mile Hill Map Sheet please refer to: McAvaney, S.O., Werner, M., Pawley, M.J., Krapf, C.B.E. and Nicolson, B.E. Geology of the Six Mile Hill 1:75 000 Map Sheet, Mineral Systems Drilling Program Special Map Series. Department of State Development, Report Book 2016/00014.