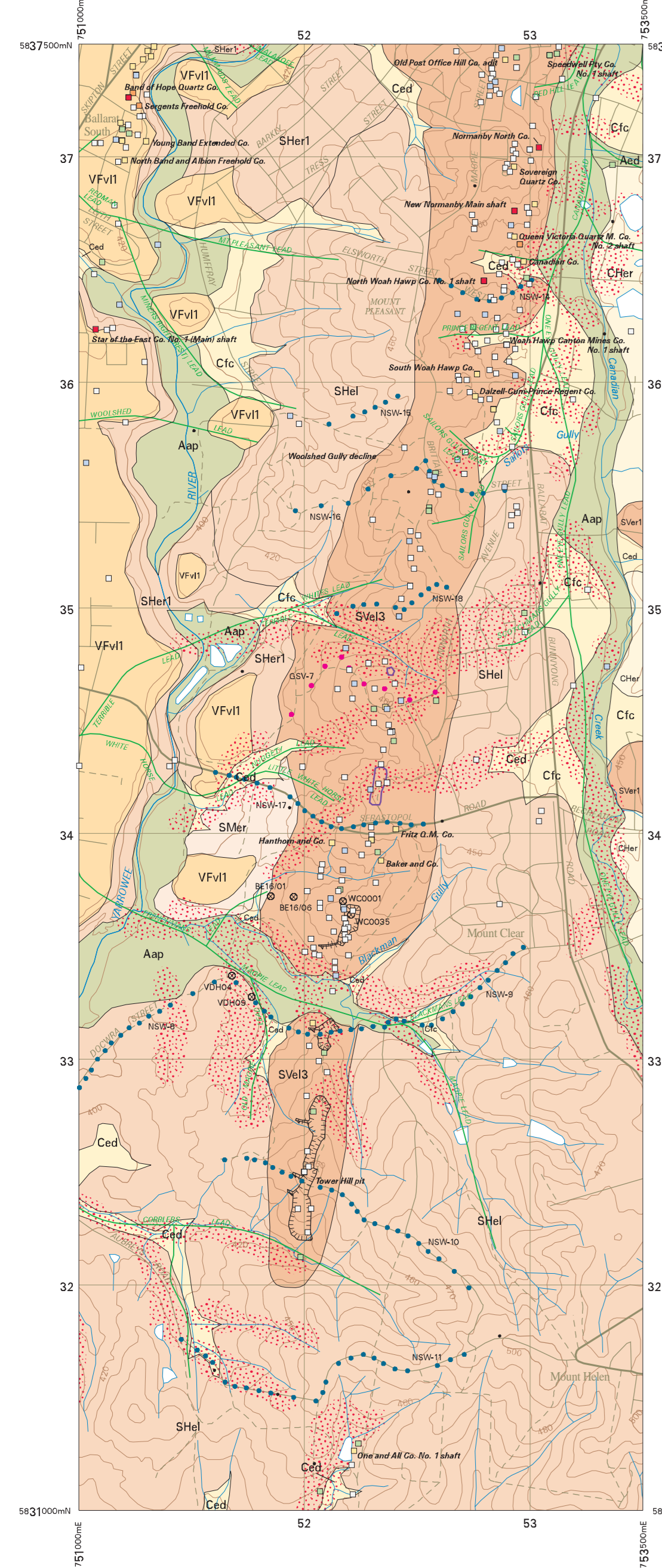


# BALLARAT – CRESWICK SPECIAL

## Regolith – landform map

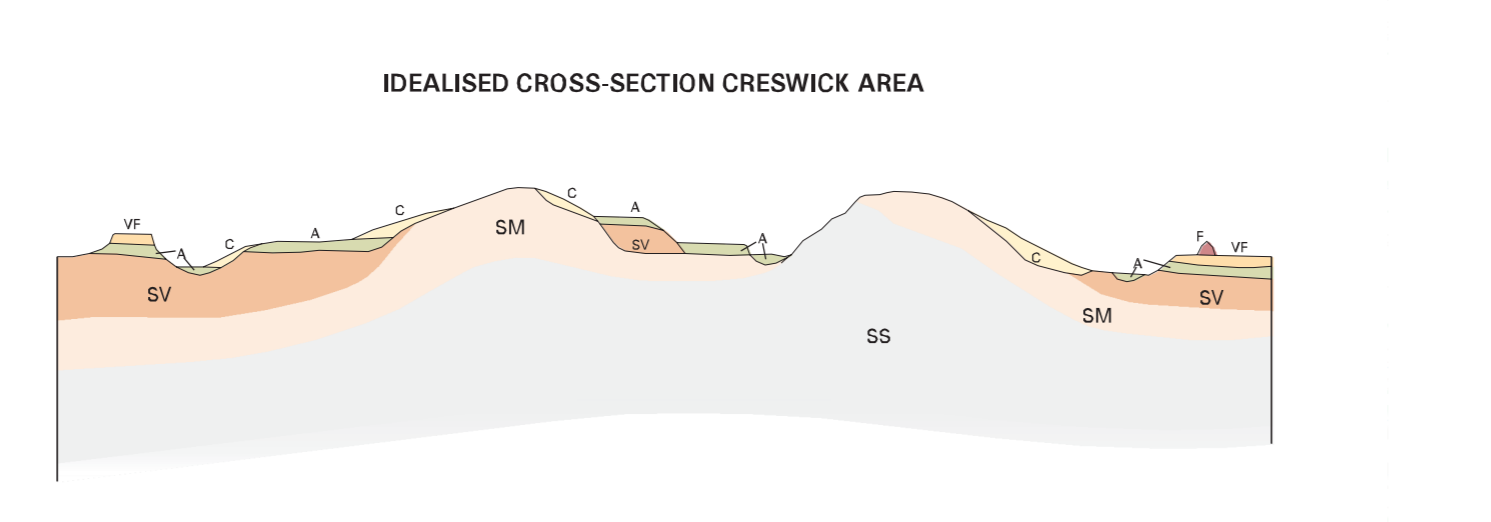
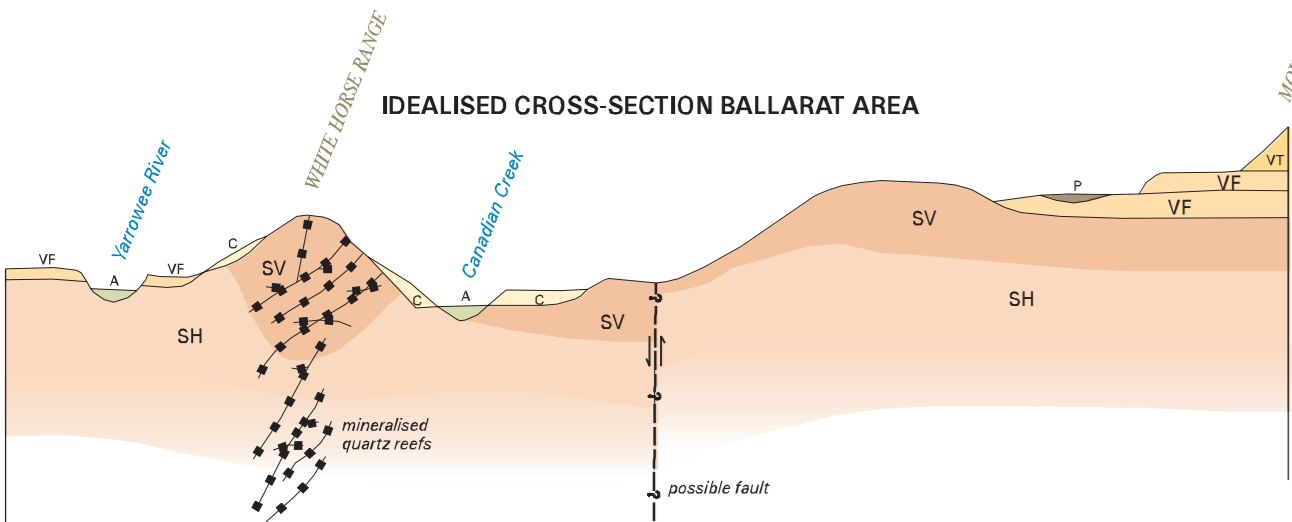
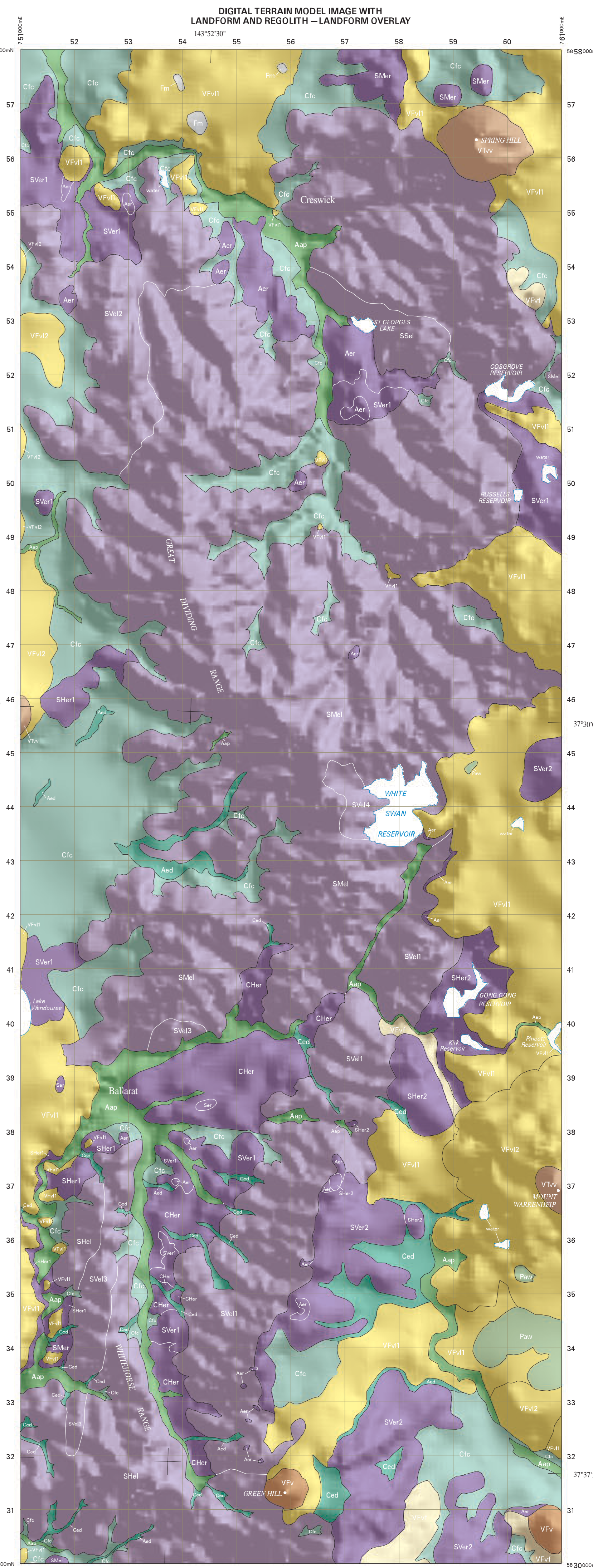
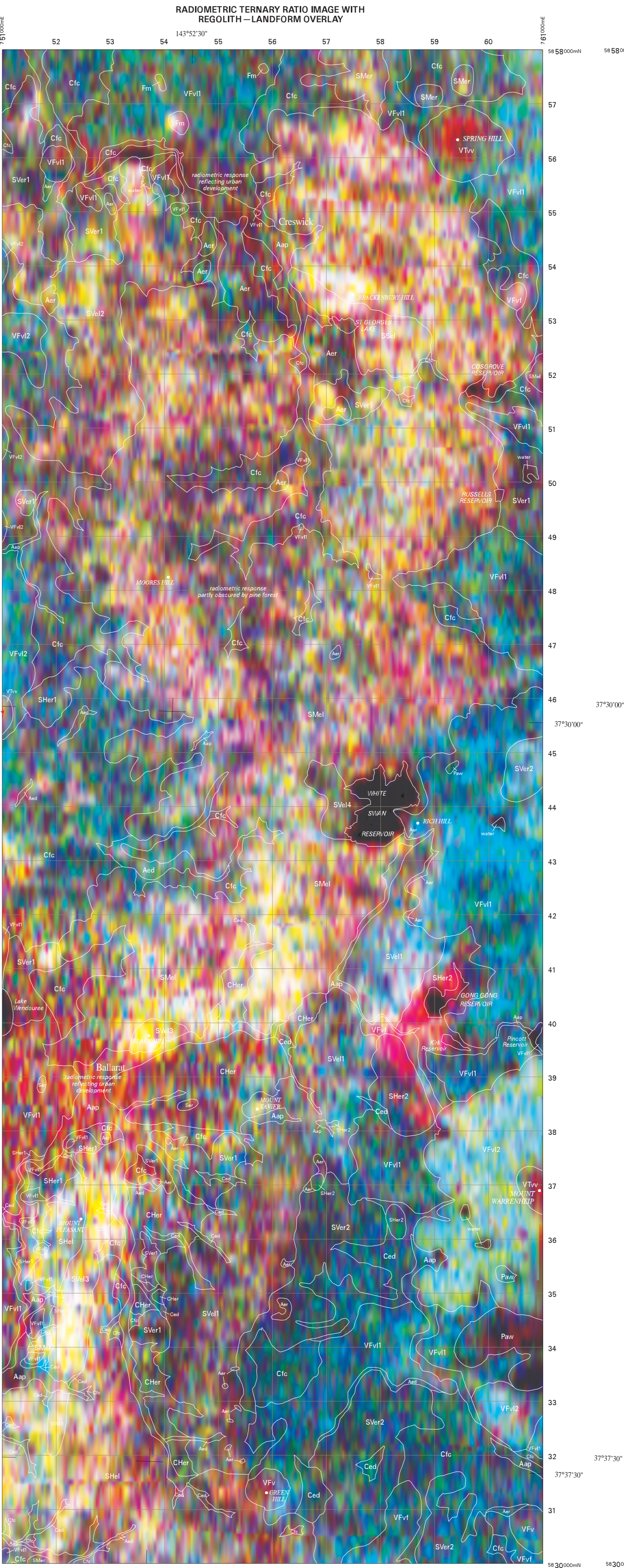
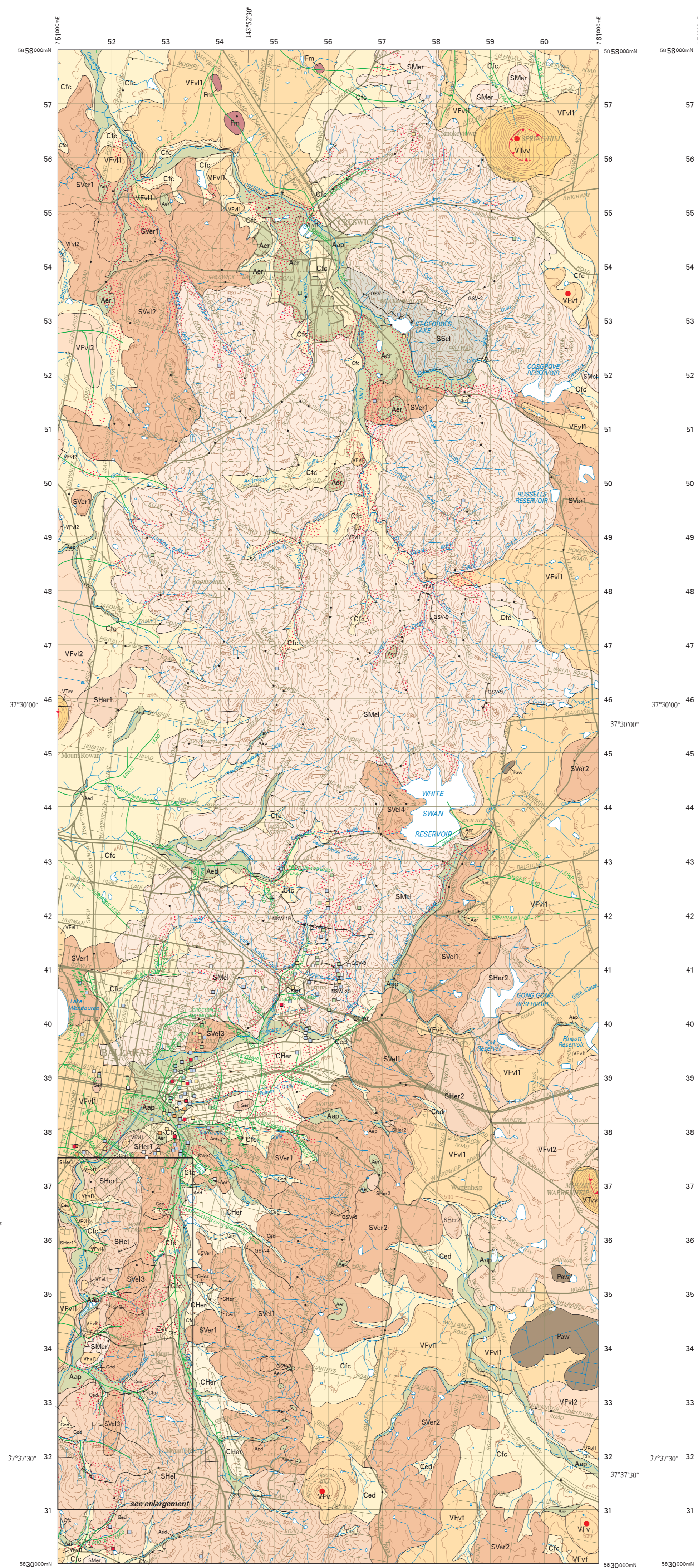
Geological Survey of Victoria  
MINERALS AND PETROLEUM DIVISION  
Department of Primary Industries

ENLARGEMENT 1:20 000



Transported units	Main regolith type	Landform	Description		
Alluvial	Asp	Alluvial sediments	Alluvial plain		
	Aed	Alluvial sediments	Drainage depression		
	Aer	Alluvial sediments	Rises		
	Colluvial	Ced	Colluvium	Drainage depression	
		Cfc	Colluvium	Colluvial fan	
		Chcr	Sheetflow sediments	Rises	
	Paludal	Par	Paludal sediments	Swamps	
		Fill	Human activity	Made land	
	Volcanic units	VFu1	Lava	Lava plain	
		VFu2	Lava	Lava flow	
VFu		Lava	Volcano		
VTv		Tephra	Volcanic cone		
In situ units		Saprolite	Se	Weathered bedrock	Rises
			SeL	Slightly weathered bedrock	Low hills
			EMr	Moderately weathered bedrock	Rises
	EMl		Moderately weathered bedrock	Low hills	
	Shr		Highly weathered bedrock	Rises	
	Shl		Highly weathered bedrock	Low hills	
	Shv		Very highly weathered bedrock	Rises	
ShL	Very highly weathered bedrock	Low hills			

The unit codes on this map follow the RTMAP system developed by Geoscience Australia (see Pain, et al., 2001: RTMAP regolith database field book and users guide; CSIRO Report 198). The location descriptions follow the classification system set out in the Australian Soil and Land Survey Field Handbook (McDonald et al., 1990; CSIRO Publishing). See report accompanying this map for further information.



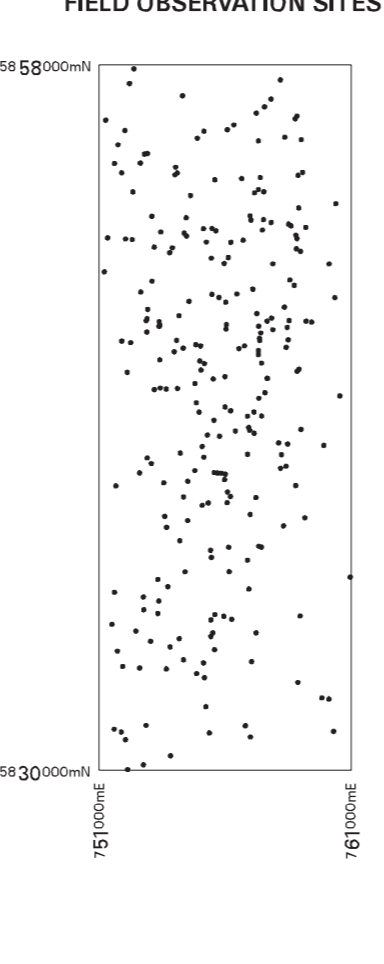
### RESPONSIBILITIES AND ACKNOWLEDGEMENTS

**Regolith mapping:** L. M. Bibby and A. Radokovic  
**Map compilation:** L. M. Bibby and A. Radokovic  
**Soil type descriptions compiled by:** L. M. Bibby from Maher and Martin (1987)  
**Acknowledgements:** Maher and Martin (1987); Taylor and Joyce (1986); Taylor (1998); Taylor and Simons (2000); Simons (2000)  
**Unpublished mapping:** Hough (1986)  
**Manager, Geological Mapping:** P. J. O'Shea  
**Manager, Geological Survey:** P. S. Roberts  
**Cartography:** T. M. Best  
**GIS data compilation and cartographic publishing process:**  
This map incorporates topographic data from Geoscience Australia and geographical data from company surveys.  
The base is crown copyright and reproduced with permission of the Director, Land Victoria, Department of Sustainability and Environment, Victoria.  
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Geological Survey of Victoria.  
**Associated products:**  
RADOKOVIC, A. and BIBBY, L. M., 2003. The regolith of the Ballarat – Creswick area. Geological Survey of Victoria, Victorian Initiative for Minerals and Petroleum Report, 76.

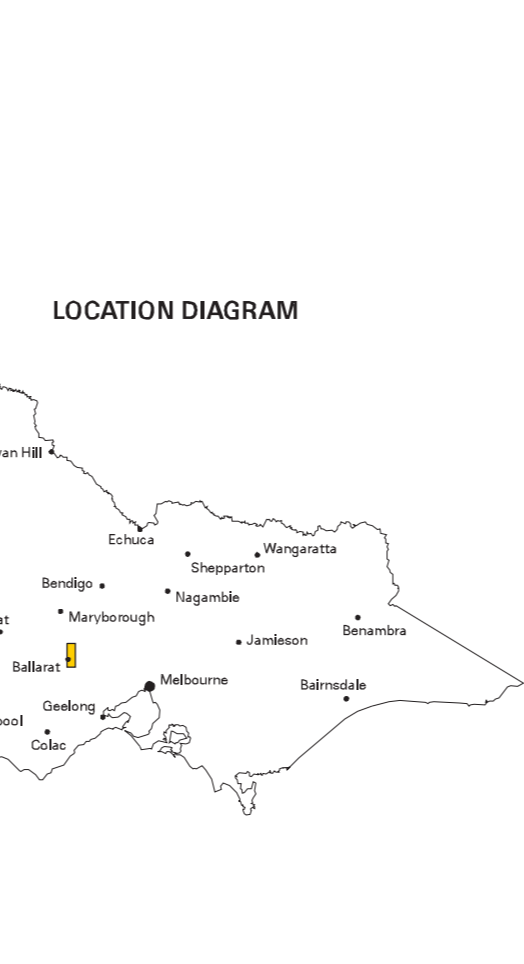
### SYMBOL LEGEND

Regolith-landform unit boundary  
Volcano center well position accurate  
Shallow workings, extent known  
Deep lead position accurate/approximate  
Driftion paleo  
Field observation site  
Soil sample site, collected by GSU/University of NSW  
Soil sample traverse, with township number, GSU/University of NSW  
Drill hole, old  
Open cut  
Defined gold resource or bulk sample site  
Mine, open gold production  
Main road, other road  
Track  
Railway track, operating/disused  
Watercourse  
Channel, drain  
Contours 100 metre interval  
shown on enlargement only

### FIELD OBSERVATION SITES



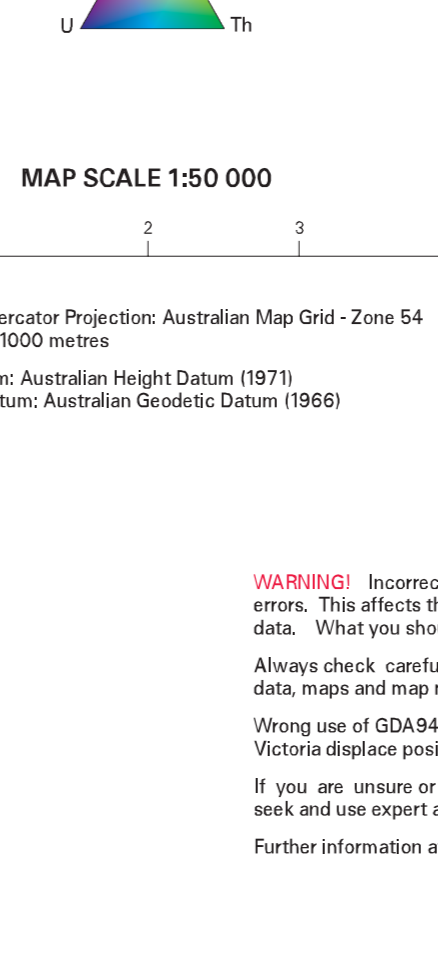
### LOCATION DIAGRAM



### ADJOINING 1:50 000 SHEETS

WARRBURRA 7523A	CRESWICK 7523B	DAFFLESDOON 7523C
LYRITON 7524A	BALLARAT 7524B	
ROCKWOOD 7525A	MERCER 7525B	MERCER 7525C

### MAP SCALE 1:50 000



### LANDFORMS

Depositional Landforms	Erosional Landforms
Alluvial plain	Low hills
Alluvial swamp	Rises
Drainage depression	
Colluvial fan	
Volcanic cone	
Lava flow	
Lava plain	
Made land	

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Always check carefully and specify explicitly the datums of all data, maps and map references that you use, supply and/or receive.  
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Victoria display positions by about 200 m to the NE or SW.  
If you are unsure or unaware about datums then immediately seek and use expert assistance.  
Further information at <http://www.gps.gov.au>

**BALLARAT – CRESWICK SPECIAL**  
Parts of 7622 and 7623 ZONE 54  
1:50 000  
Regolith – landform map  
November 2002, Edition 1