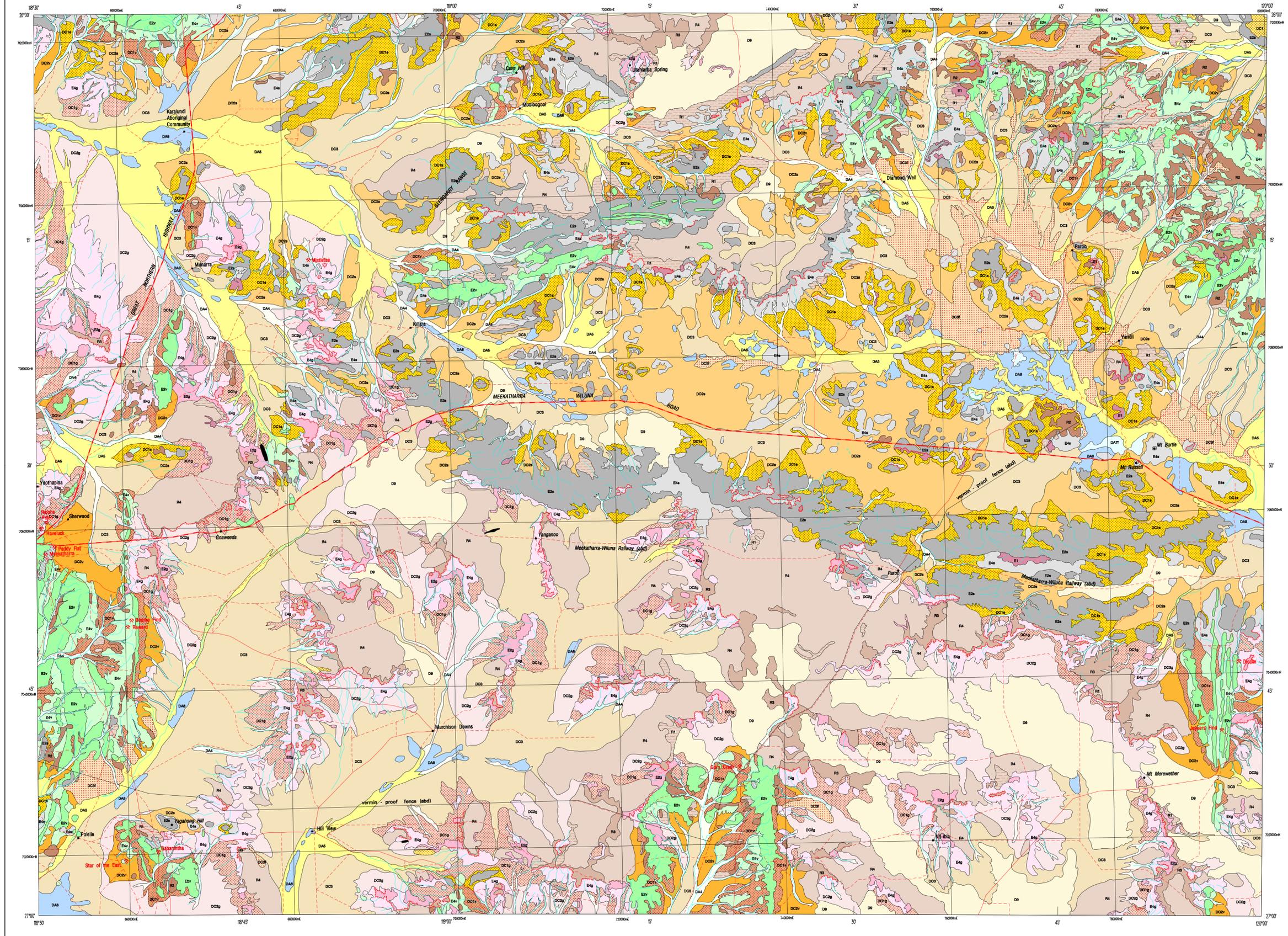


GLENGARRY

GEOLOGICAL SURVEY OF WESTERN AUSTRALIA

1:250 000 REGOLITH MATERIALS SERIES

SHEET SG 50-12



RELICT REGIME

R1	Ferrous pisolites and nodules	CBRO (1)	CBRO (2)	AG80	
R2	Iron-rich duricrust forming narrow land surfaces	LT1	R2	ND40	
R3	Stonks (often weakly ferruginized); mainly overlies granitoid and sedimentary rocks	LT3	R1	DS42	
R4	Quartz-rich sands and silts overlying presumed or known R1-R3 material	BR2	-	DS60	
		ET1, LS3	LS4, LS5	D9	WR22

EROSIONAL REGIME

E1	Mottled zone and apronite; generally poorly exposed	SP1-5	E3	E4	WR11-14
E2g	Outcrop of saprock and bedrock; outcrop areas have locally derived sand and sandy clay; coarse (boundary) lag locally bounds prominent ranges; derived from granitoid rocks	BR3, SR2	SR1, SR6	E1	WR12, WR21
E2s	As E2g but derived from sedimentary rocks				
E2v	As E2g but derived from volcano-sedimentary greenstone and mafic rocks				
E4g	Lag of locally derived ferrous and/or siliceous fragments, and/or siliceous in a sandy clay; siliceous matrix associated with actively eroding outcrops; derived from granitoid rocks	NL3, NL4	SR1, SR5-6	E5-E9	WR12, WR21
E4s	As E4g but derived from sedimentary rocks				
E4v	As E4g but derived from volcano-sedimentary greenstone and mafic rocks				
q	Quartz vein				

DEPOSITIONAL REGIME

DOMINANTLY COLLUVIAL

DC1	Medium to coarse-grained detritus, mainly of lithic or ferruginized siliceous clasts (most >25 mm) in calcareous with a sand or sandy clay matrix	CS3, CS4	NL5	D1	D4	SD1, SD4	SC5
DC1g	DC1 derived mainly from granitoid rocks						
DC1s	DC1 derived mainly from sedimentary rocks						
DC1v	DC1 derived mainly from volcano-sedimentary greenstone and mafic rocks						
DC2	Fine to medium-grained detritus (most clasts <25 mm) mainly of ferruginized lithic origin, or quartz in a sandy clay matrix	CS1, CS3-4	NL3-4	D3	D4	SC6	
DC2g	DC2 derived mainly from granitoid rocks						
DC2s	DC2 derived mainly from sedimentary rocks						
DC2v	DC2 derived mainly from volcano-sedimentary greenstone and mafic rocks						
DC3	Variably ferruginous sand- and clay-rich colluvium or sheetwash; merges into alluvial plains (DAS)	CS1-4	M1-3	D3	D4	SC5	SC6
DC3s	DC3 derived mainly from sedimentary rocks						
DC3v	DC3 derived mainly from volcano-sedimentary greenstone and mafic rocks						
DCM	Detritus, mainly non-lithic ferruginous (most clasts <10 mm) possibly magnetic in red sandy clay; includes bucketful gravel	CS1, M1-3	NL5	D4	SC5	SC6	

DOMINANTLY ALLUVIAL

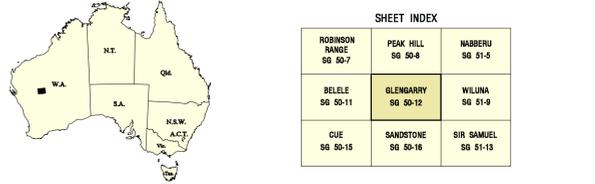
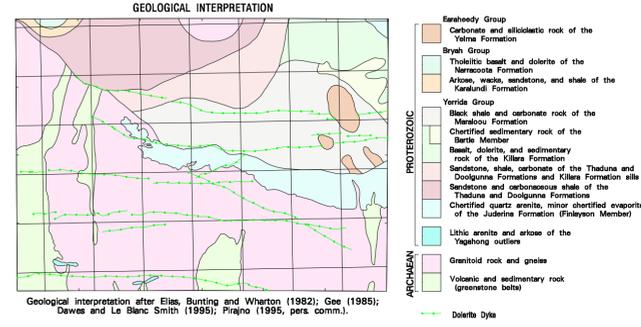
DAM	Gravelly sands and sandy clays of active alluvial channels with nodules of ferruginous and heavily altered lithic fragments	AS1	AS2	D1	SA00	SA10
DAS	Sand- or clay-rich alluvium and colluvium on broad drainage floors, including gravelly alluvial deposits and terraces; includes tonalite, claystone, calcareous fragments	AS1	AS2	D5	SA00	SA10
DAT	Sediments of former freshwater claypans	AS1, AS2	AS5	D5	SL00	
DAB	Valley catwalk; in places siltified	AS2, AS5	DS7	D8	DS20	

DOMINANTLY EOLIAN

D9	Sandplain, often in origin; may form dunes or thin sheets; overlies sheetwash, soil, or bedrock	ES1, ES2	ET7	D9	SD1, US00	WR22
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SYMBOLS

Regolith boundary	—	Watercourse, ephemeral	—
Principal road	—	Homestead	•
Minor road	—	Locality	•
Track	—	Gravelwade	•
Breakaway	—	Significant mine	•
		Mining area, made ground	▨
		Yardfill	•



Edited by C. Strong and G. Loan

Cartography by G. Jose, K. Smith, and C. Bartlett

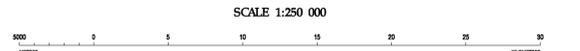
Topography from Australian Surveying and Land Information Group Sheet SG 50-12 and roads modified from geological field survey (1994)

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DEPARTMENT OF MINERALS AND ENERGY
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MINISTER FOR MINES
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SCALE 1:250 000
TRANSVERSE MERCATOR PROJECTION
Grid lines indicate 20 000 metre interval of the Australian Map Grid Zone 50



PETRO GUJ
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OF WESTERN AUSTRALIA

Compiled by: R.A. Crawford, J.R. Gozzard, and A.J. Sanders, 1995

Field observations by: R. Crawford, J.R. Gozzard (GSWA), L. Fitzgerald, G. Tolland, and G. Lawrence (Geochemex Australia), 1994

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REGOLITH MATERIALS SERIES

GLENGARRY

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