MAP 3

Assessment of Mineral Resource Potential in the Chinchilla-Gympie Sector of the South-east Queensland Biogeographic Region

SCALE 1:250 000

BLUE NUMBERED LINES ARE 10 000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 56
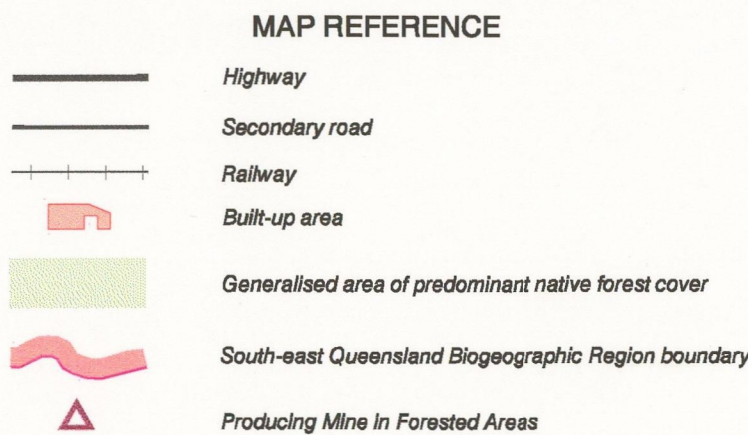TRANSVERSE MERCATOR PROJECTION

This series of five maps accompanies a report on the Mining Industry and Mineral Potential of Forested Areas of the South-east Queensland Biogeographic Region.

Information compiled by D.A. Berkman (Consultant) with assistance from C.G. Murray, L.C. Cranfield, W. F. Willmott and R.K.J. Blight (DME), 1996.

Cartography and GIS coverages prepared by the Graphical Services Unit, DME.

Forested areas have been interpreted from 1:250 000 maps of Landsat TM imagery supplied by the Forest Assessment Section of the Department of Natural Resources, Queensland.

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MAP REFERENCE

- Highway
- Secondary road
- Railway
- Built-up area
- Generalised area of predominant native forest cover
- South-east Queensland Biogeographic Region boundary
- △ Producing Mine In Forested Areas

INDEX TO MAPS

DESCRIPTION OF ZONES OF MINERAL POTENTIAL

Map Code	Principal Commodity	Economic Importance	Probability of Further Deposits	Accuracy of Zone Boundary	Size of Deposits	Genetic Type
AuA4	gold, copper	A	possible	B	small - medium	volcanogenic
AuA5	gold	A	likely	A	small	volcanogenic
AuA6	gold	A	likely	A	small	volcanogenic
AuZ	gold	Z	alienated	B	small	structure-controlled vein
AuB21	gold	B	likely	A	small	structure-controlled vein
AuB22	gold	B	likely	A	small	structure-controlled vein
AuB23	gold	B	likely	A	small	structure-controlled vein
AuB24	gold	B	likely	A	small	structure-controlled vein
AuB25	gold	B	likely	A	small	structure-controlled vein
AuB26	gold	B	likely	A	small - medium	structure-controlled vein
AuB27	gold	B	likely	A	small	structure-controlled vein
AuB28	gold	B	likely	A	small	structure-controlled vein
AuB29	gold	B	possible	A	small	structure-controlled vein
AuB30	gold	B	likely	A	small	structure-controlled vein
AuB31	gold	B	likely	A	very small	structure-controlled vein
AuB32	gold, lead, zinc, mercury	B	likely	A	small	structure-controlled vein
AuB33	gold	B	likely	A	small	structure-controlled vein
CbC1	coal	-	likely	A	medium	sedimentary
CbC2	coal	-	likely	A	medium	sedimentary
CbC3	coal	-	possible	B	small - medium	sedimentary
HMZ	rutile, zircon, ilmenite	Z	alienated	B	large	coastal placer
IM13	limestone	-	likely	A	medium - large	sedimentary
IM14	limestone	-	likely	A	medium - large	sedimentary
IM15	limestone	-	likely	A	small	sedimentary
IM16	bentonite	-	likely	A	small	sedimentary
MEA16	copper	A	likely	A	small - medium	porphyry
MEA17	copper	A	likely	A	small - medium	porphyry
MEC1	mercury, gold	C	likely	A	small	structure-controlled vein
MED8	copper	D	likely	A	small	structure-controlled vein
MED9	copper	D	likely	A	small	structure-controlled vein
MED10	copper, gold	D	possible	B	small	structure-controlled vein

MINERAL OCCURRENCES

Location of mineral occurrence

The number shown to the right of each location on the map is that in Appendix 3 of the accompanying report which lists details of occurrences.

Metals

Sb Antimony	Cu Copper	Ni Nickel
As Arsenic	Au Gold	Py Pyrite
Ba Barite	Fe Iron	Ag Silver
Ba Bauxite	Pb Lead	Sn Tin
Bi Bismuth	Mn Manganese	W Tungsten
Cr Chromite	Hg Mercury	Zn Zinc
Co Cobalt	Mo Molybdenum	

Industrial Minerals and Rocks

A Asbestos	Gs Gemstones	Ma Marble
Cl Bentonite	Im Ilmenite	Pe Perlite
Dt Diatomite	Ck Kaolin clay	R Rutile
Do Dolomite	La Limestone	Si Silica
Fs Feldspar	Mg Magnesite	Wo Wollastonite
Sf Foundry sand	Mt Magnetite	Ve Vermiculite

Energy Minerals

Cb Coal   Os Oil Shale

ZONES OF MINERAL POTENTIAL

Note: Areas of likely potential for further deposits are bounded by full lines; areas of possible potential for further deposits are bounded by long-dashed lines; alienated areas are bounded by short-dashed lines.

- Gold
- Metalliferous
- Coal
- Heavy Minerals
- Oil Shale

MAP 3: CHINCHILLA-GYMPIE