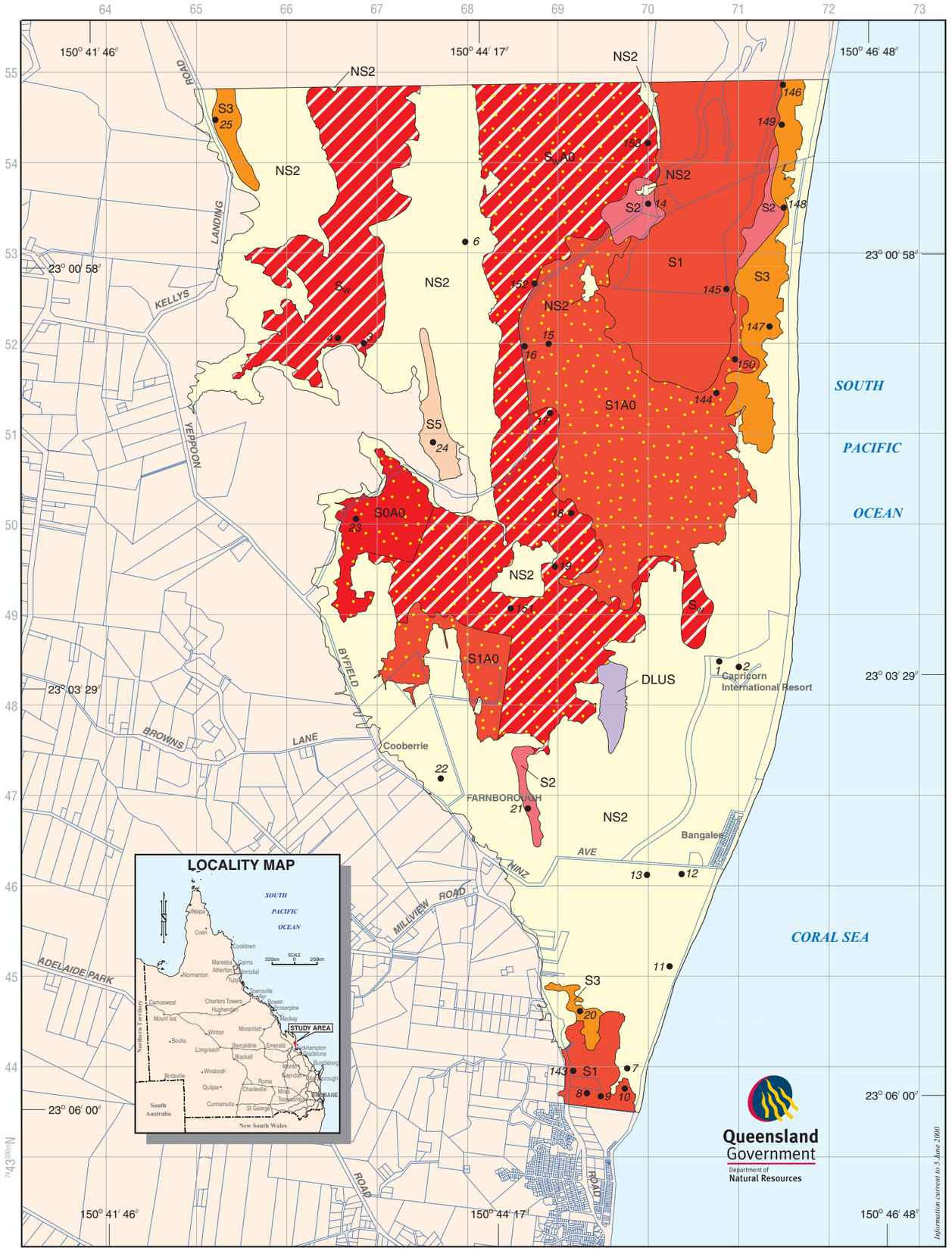
ACID SULFATE SOILS
YEPPOON AREA

SCALE 1 : 50 000

metres 1000 0 1 2 3 4 kilometres

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
Grid lines are 1000 metre intervals of the Australian Map Grid, Zone 56, GDA94.

GDA



Produced at the Natural Sciences Precinct by Natural Resource Information Management Group, Resource Condition and Trend, Resource Sciences and Knowledge, ***Department of Natural Resources****.*
Workspace: Challenger/cdata3/jobs/job14006/(a33253gda94.aml)

REFERENCE

ACID SULFATE SOILS (ASS) ON UNDISTURBED LAND

Depth

S0	0 - 0.5m	Depth to Acid Sulfate Soil with potential acidity.
S1	0.5 - 1m	Depth to Acid Sulfate Soil with potential acidity.
S2	1 - 2m	Depth to Acid Sulfate Soil with potential acidity.
S3	2 - 3m	Depth to Acid Sulfate Soil with potential acidity.
S5	4 - 5m	Depth to Acid Sulfate Soil with potential acidity.

S_4 Areas associated with *Melaleuca.sp* wetlands and occasionally *Casuarina glauca* communities. Oxidisable sulfur in the surface layer usually exceeds the 'action level'. This may include sulfur from organic compounds and modern accretion of sulfides in a wet, organic rich environment. ASS typically occurs at depth.

S1A0 Limited field assessment, but occurs in a landscape position where there is a reasonable probability of ASS occurence. National Parks, Reserves, etc.

Dots indicate extreme acidity - pH < 4.0
Actual Acid Sulfate Soil
A0 - A5 indicate depth of acidic layer.
i.e. S1A0 - Potential ASS layer 0.5 - 1m
Actual ASS layer 0 - 0.5m

ACID SULFATE SOIL ON DISTURBED LAND WITH URBAN DEVELOPMENT (Limited Field Assessment)

DLU_S Urban or Industrial Land*, likely to contain ASS.

* Treatment may or may not have been carried out.

NON ACID SULFATE SOIL LAND

NS1 Land < 5m AHD with low or negligible probability of Acid Sulfate Soil. Limited field assessment.

NS2 Land > 5m AHD with low or negligible probability of Acid Sulfate Soil, Limited or no field assessment.

●15 Borehole locations where profiles were described in detail and samples taken for analysis.

RELIABILITY STATEMENT
Ground truthing has been carried out at an intensity of one site per 100 hectares.

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BASE MAP compiled from the Digital Cadastral Data Base (1999) supplied by the Department of Natural Resources, Brisbane.

DISCLAIMER:
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ACCURACY STATEMENT:
Due to varying sources of data sets, spatial locations may not coincide when overlaid.

ACID SULFATE SOILS
YEPPOON AREA
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