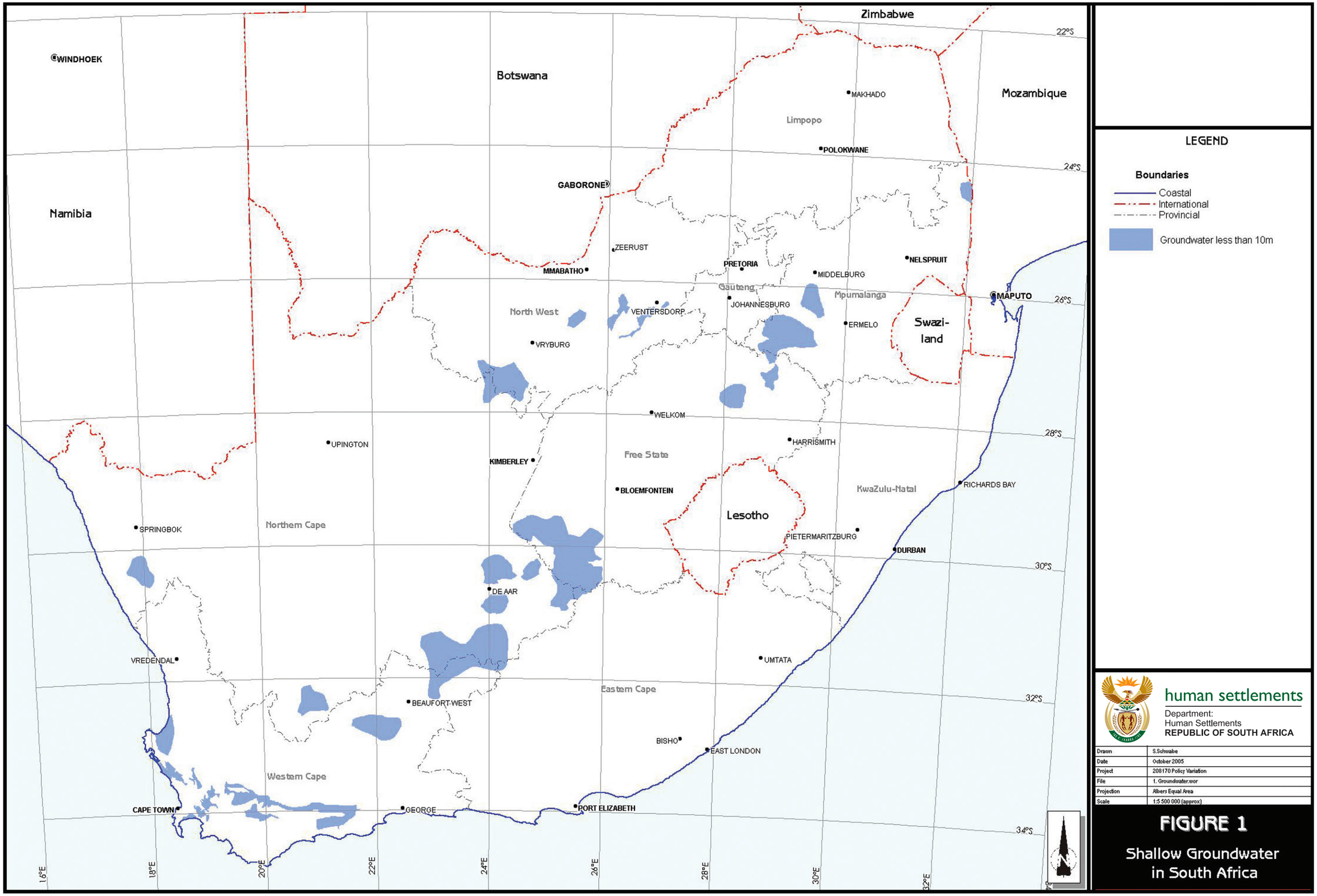
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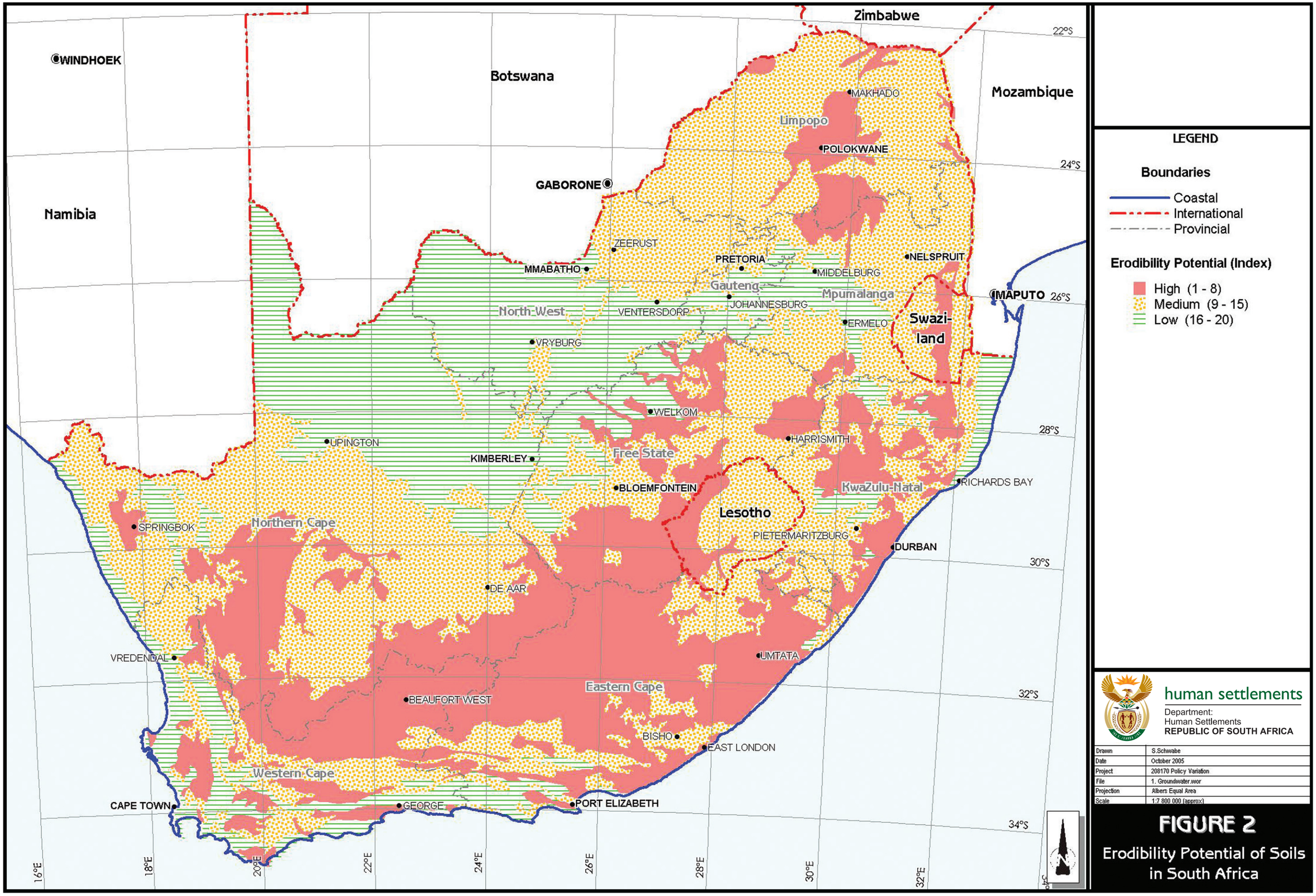
LEGEND
Boundaries
Coastal
International
Provincial
Groundwater less than 10m
human settlements
Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA
Drawn S.Schwabe
Date October 2005
Project 208170 Policy Variation
File 1. Groundwater.wor
Projection Albers Equal Area
Scale 1:5 500 000 (approx)
FIGURE 1
Shallow Groundwater in South Africa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LEGEND
Boundaries
Coastal
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Erodibility Potential (Index)
High (1 - 8)
Medium (9 - 15)
Low (16 - 20)
human settlements
Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA
Drawn S.Schwabe
Date October 2005
Project 208170 Policy Variation
File 1. Groundwater.mxr
Projection Albers Equal Area
Scale 1:7 800 000 (approx)
FIGURE 2
Erodibility Potential of Soils in South Africa

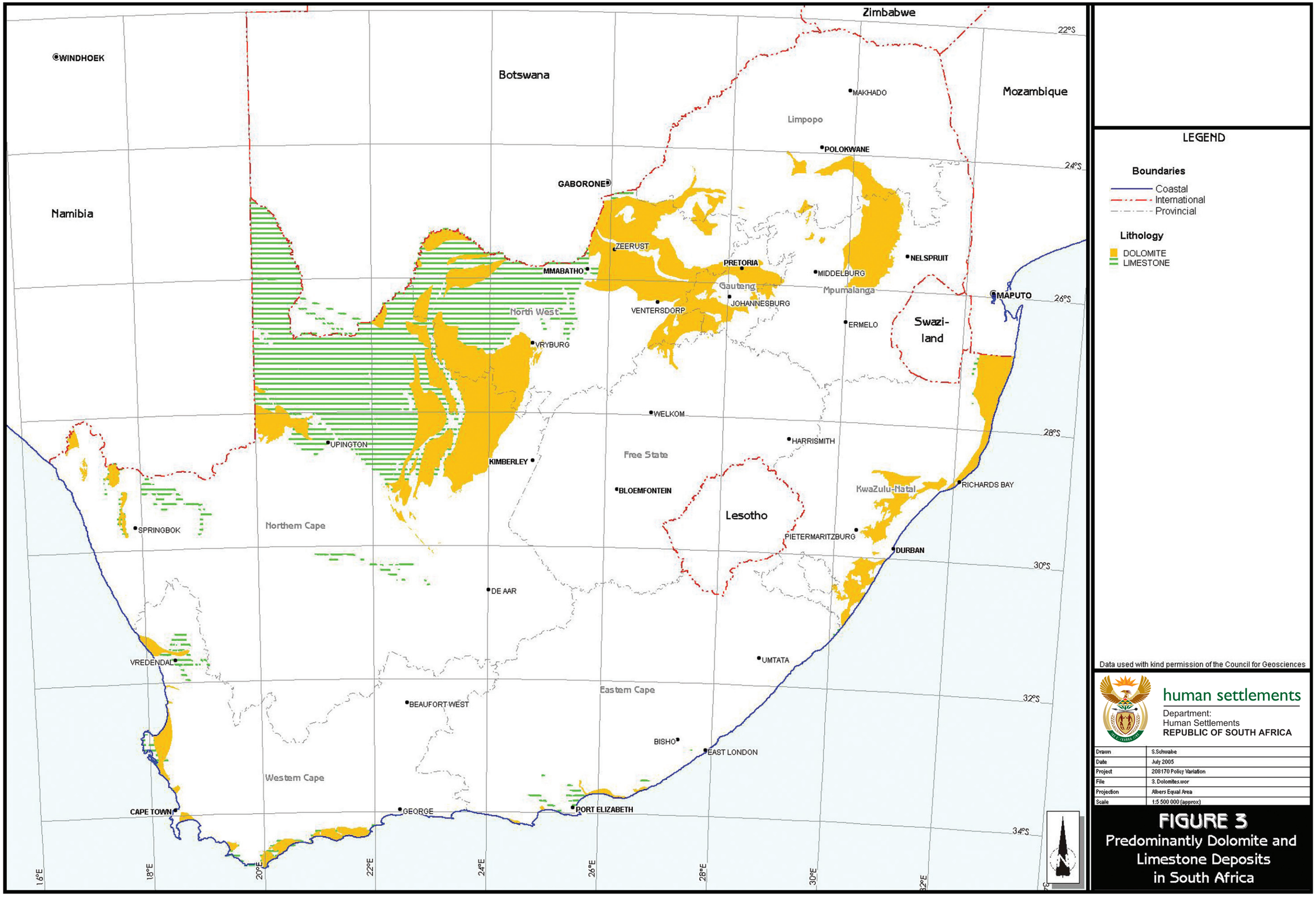
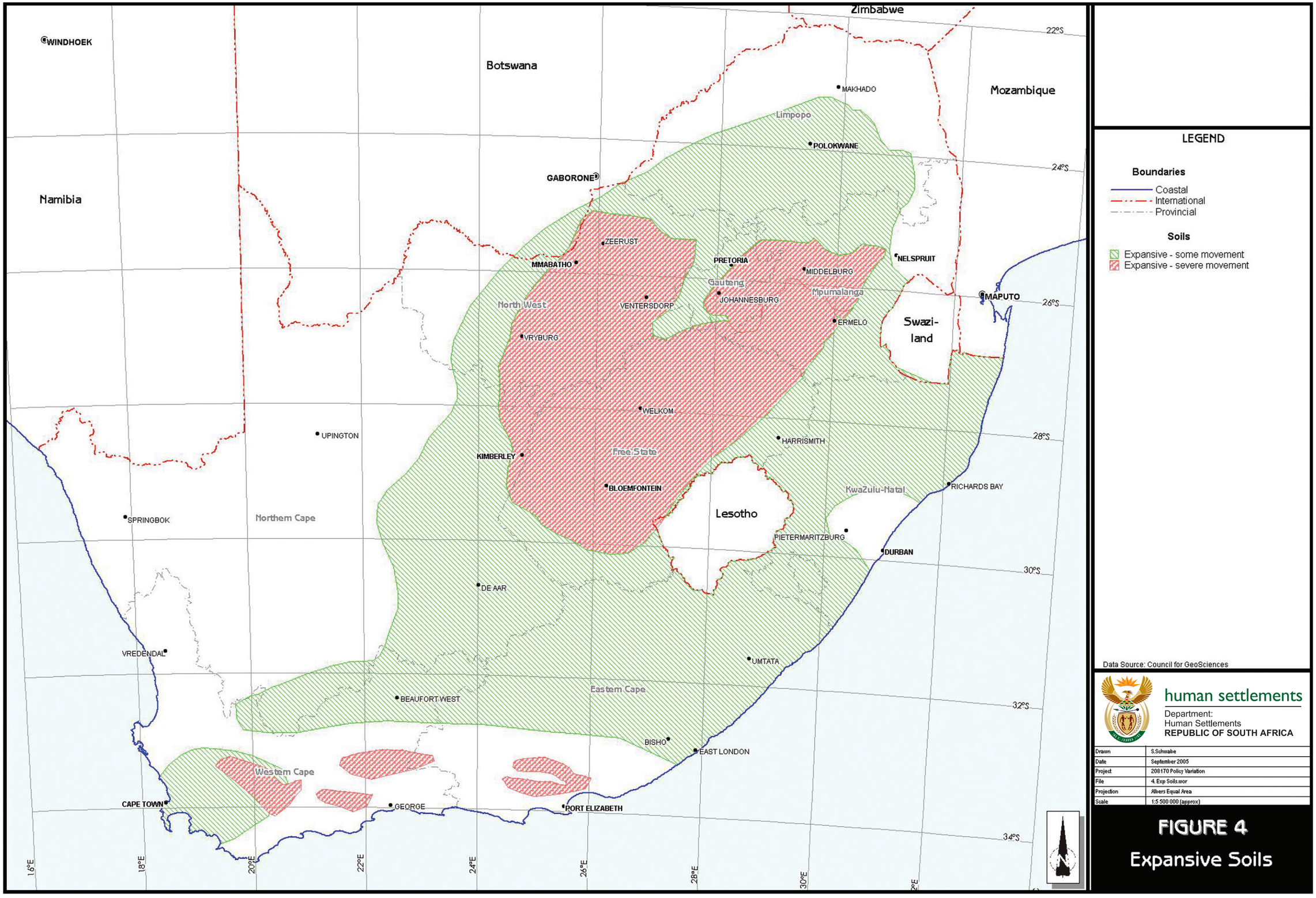


FIGURE 3
Predominantly Dolomite and Limestone Deposits in South Africa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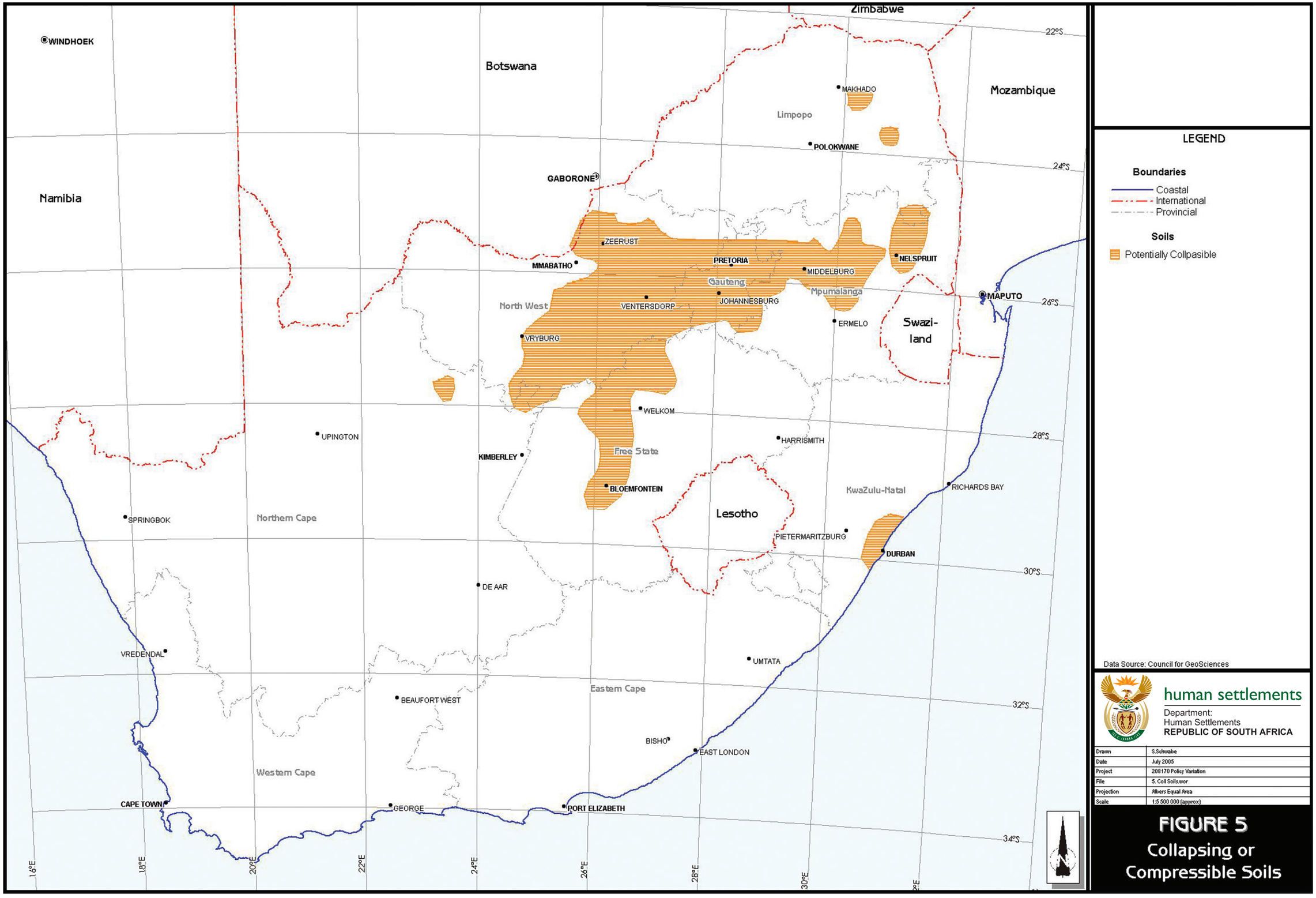
LEGEND
Boundaries
Coastal
International
Provincial
Soils
Expansive - some movement
Expansive - severe movement
Data Source: Council for GeoSciences
human settlements
Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA
Drawn S.Schwabe
Date September 2005
Project 208170 Policy Variation
File 4. Exp Soils.wor
Projection Albers Equal Area
Scale 1:5 500 000 (approx)
FIGURE 4
Expansive Soils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Soils
Potentially Collpasible
Data Source: Council for GeoSciences
human settlements
Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA
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Date July 2005
Project 208170 Policy Variation
File 5. Coll Soils.wor
Projection Albers Equal Area
Scale 1:5 500 000 (approx)
FIGURE 5
Collapsing or
Compressible Soils

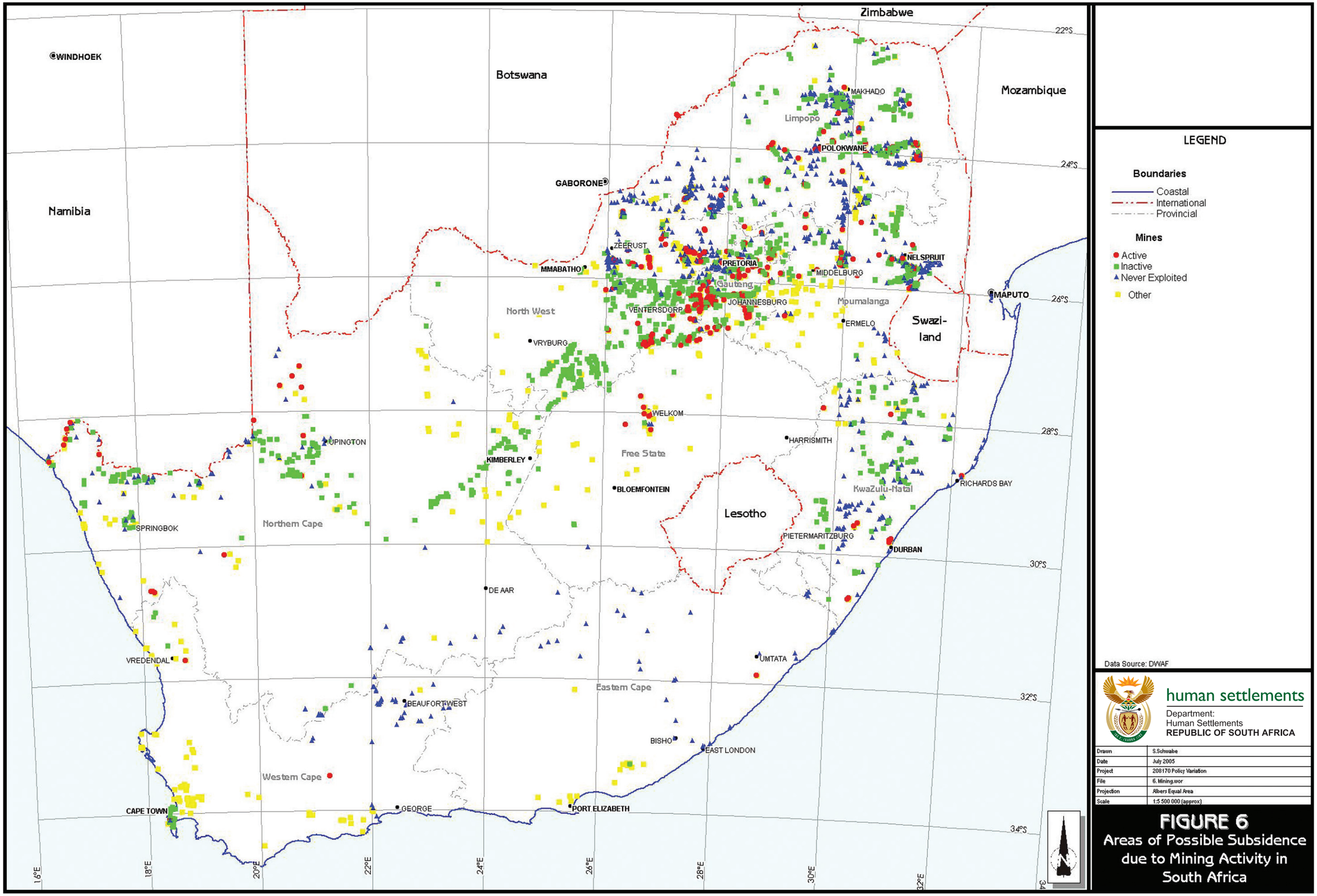
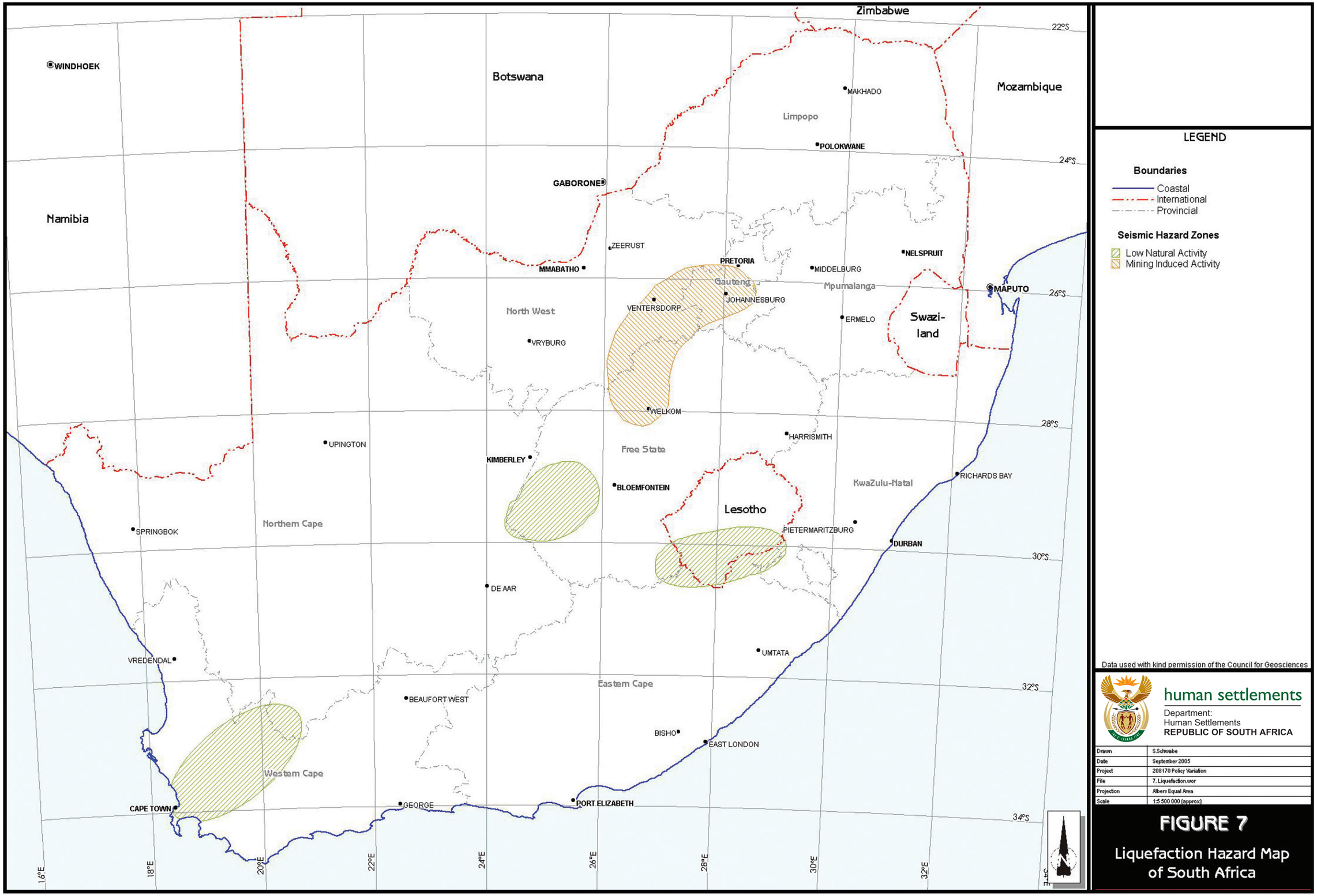


FIGURE 6
Areas of Possible Subsidence due to Mining Activity in South Africa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LEGEND
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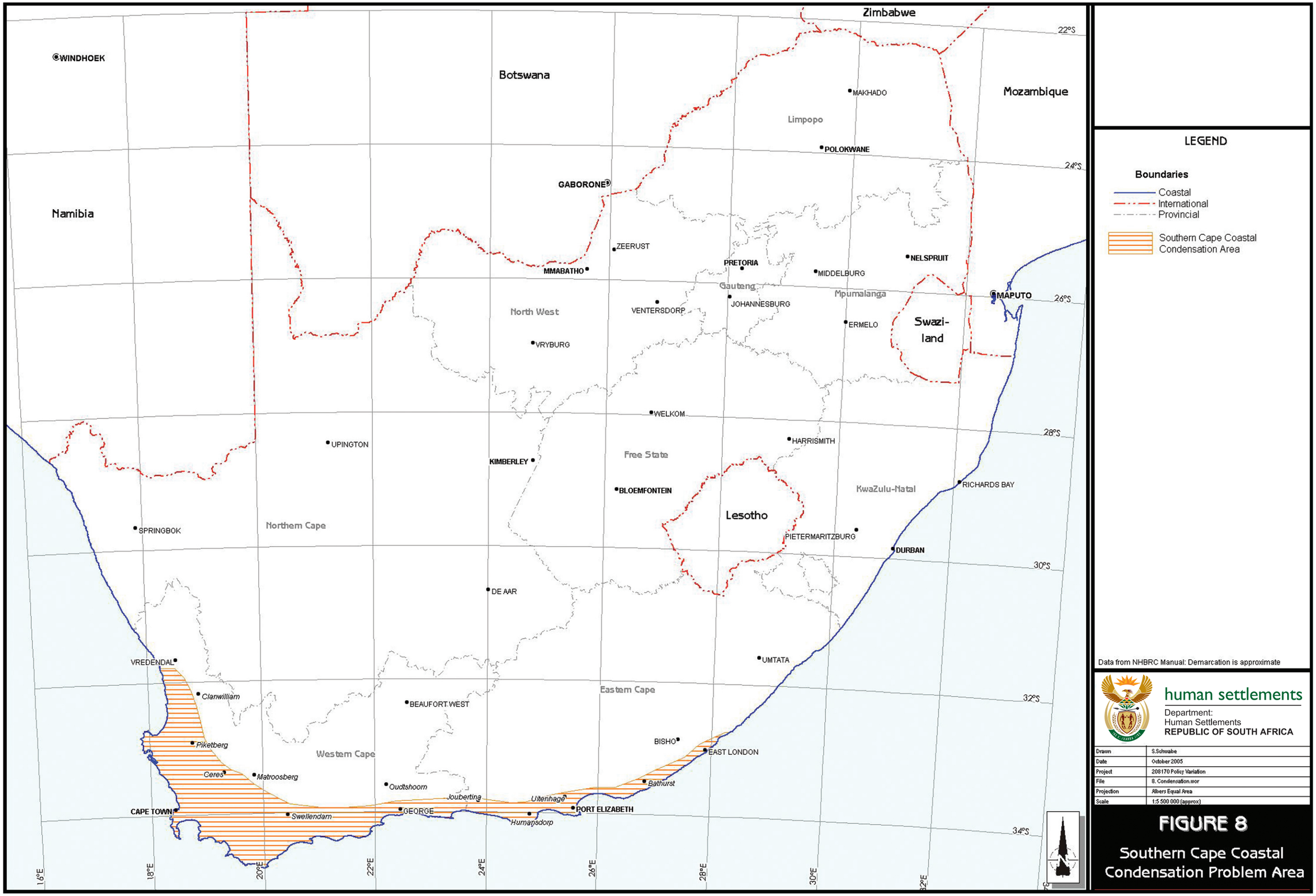
Coastal
International
Provincial
Seismic Hazard Zones
Low Natural Activity
Mining Induced Activity
Data used with kind permission of the Council for Geosciences
human settlements
Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA
Drawn S.Schwabe
Date September 2005
Project 208170 Policy Variation
File 7. Liquefaction.wor
Projection Albers Equal Area
Scale 1:5 500 000 (approx)
FIGURE 7
Liquefaction Hazard Map of South Africa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Joubertina
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LEGEND
Boundaries
Coastal
International
Provincial
Southern Cape Coastal Condensation Area
Data from NHBRC Manual: Demarcation is approximate
human settlements
Department:
Human Settlements
REPUBLIC OF SOUTH AFRICA
Drawn S.Schwabe
Date October 2005
Project 208170 Policy Variation
File 8. Condensation.wor
Projection Albers Equal Area
Scale 1:5 500 000 (approx)
FIGURE 8
Southern Cape Coastal Condensation Problem Area