Soil and Land Suitability Assessment for Irrigated Agriculture

Map 2 of 2
GENERAL LAND CAPABILITY

**KURNTURLPARA and part of WARUMUNGU ABORIGINAL LAND TRUSTS**

**GENERAL LAND CAPABILITY**

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
<th>Land Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIGH</td>
<td>Land with minimal limitations. Highly productive requiring only low management practices. (Slope 0-1%; and rock outcrop - nil; and soil depth &gt;1.0 m; and soil drainage - rapid or very poor; and/or gilgai microrelief)</td>
<td>292 ha</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>Land with only moderate limitations. Will require minor management practices. (Slope 1-10%; and rock outcrop - nil; and soil depth &gt;0.5-1.0 m; and soil drainage - moderately; and/or gilgai microrelief &lt;0.3 m vertical interval and &lt;20% of land surface)</td>
<td>14,448 ha</td>
</tr>
<tr>
<td>MODERATE</td>
<td>Land with only moderate limitations. Will require major management practices. (Slope 1-10%; and rock outcrop - nil; and soil depth &gt;0.5-0.8 m; and soil drainage - imperfect; and/or gilgai microrelief &lt;0.3 m vertical interval and &lt;20% of land surface)</td>
<td>2,492 ha</td>
</tr>
<tr>
<td>MARGINAL</td>
<td>Land having severe limitations. Will require major management practices. (Slope &gt;10%; and/or rock outcrop - &gt;10%; and soil depth &lt;0.25 m; and/or soil drainage - poor or very poor; and/or gilgai microrelief &gt;0.3 m vertical interval and &gt;20% of land surface)</td>
<td>14,448 ha</td>
</tr>
<tr>
<td>NOT SUITABLE</td>
<td>Limitations cannot be overcome with practical and cost effective management practices. (Slope &gt;10%; and/or rock outcrop - &gt;10%; and soil depth &lt;0.25 m; and/or soil drainage - poor or very poor; and/or gilgai microrelief &gt;0.3 m vertical interval and &gt;20% of land surface)</td>
<td>292 ha</td>
</tr>
</tbody>
</table>

Map unit boundaries were derived using satellite imagery in association with digital elevation model, geological and topographic data. Landform, soil and vegetation field assessments conform to national standards and support mapping at a scale of 1:50 000. When assessing specific areas within the mapping it is recommended a site inspection be undertaken to establish unmapped variation and confirm mapping accuracy on the ground.

**BIBLIOGRAPHIC REFERENCE:**

**TECHNICAL REFERENCES:**

**Map Title:**
1 LAND RESOURCES of KURNTURLPARA and part of WARUMUNGU ABORIGINAL LAND TRUSTS
2 GENERAL LAND CAPABILITY of KURNTURLPARA and part of WARUMUNGU ABORIGINAL LAND TRUSTS

**Map Locality:**
Rockhampton Downs NT Per 1484
Kurntapurra
Kurnturlpara
Dalmore Downs NT Per 651
Alroy Downs NT Per 4902
Rockhampton Downs NT Per 1484
Kurnturlpara
Dalmore Downs NT Per 502
Kurnturlpara
Kurnturlpara
Dalmore Downs NT Per 773
(540000mE 545000mE 545000mE 7850000mN 7855000mN 7860000mN 7865000mN 7870000mN 3725)

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