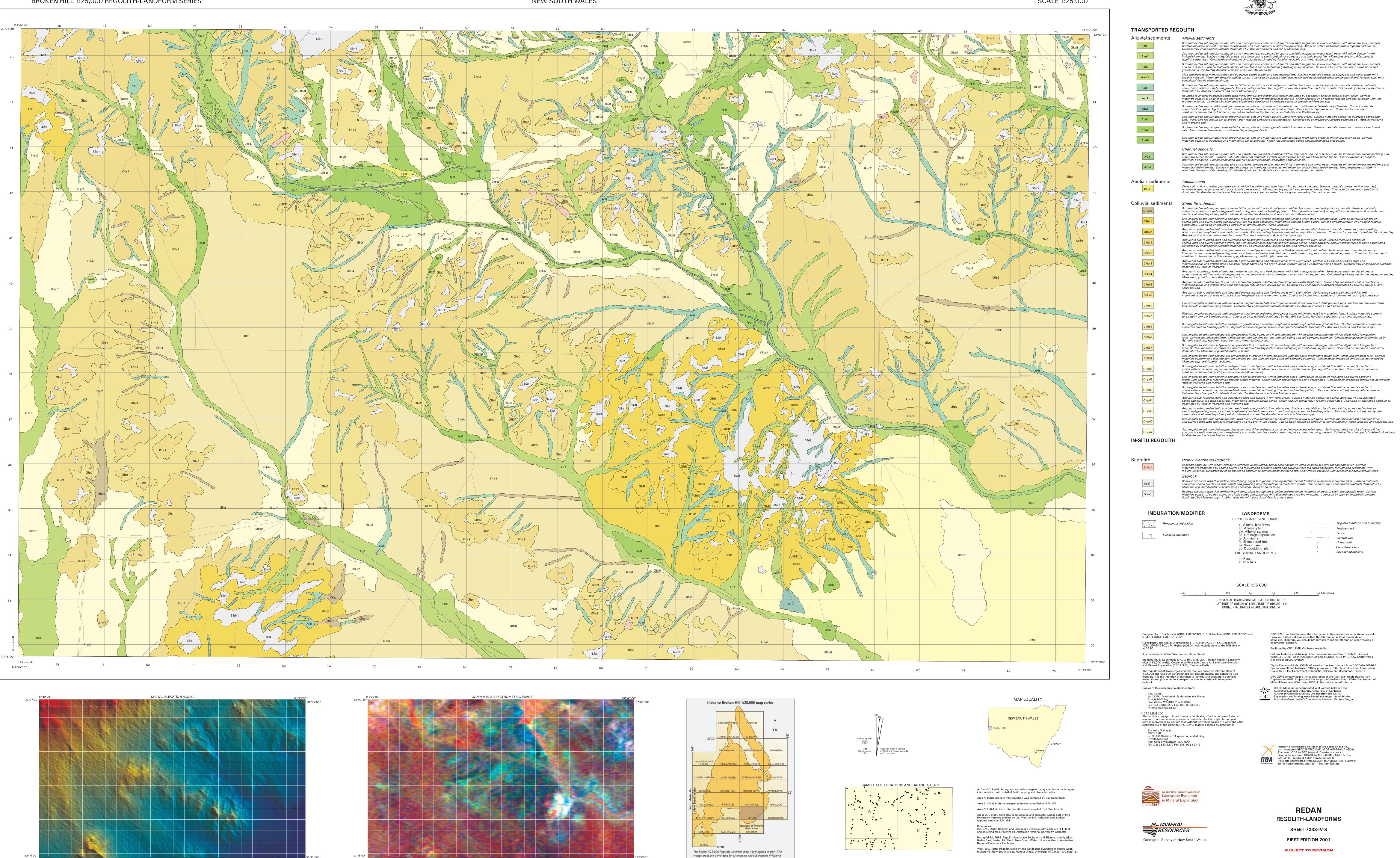
REDAN NEW SOUTH WALES SCALE 1:25 000 BROKEN HILL 1:25,000 REGOLITH-LANDFORM SERIES



Supergroup rocks, while the yellow shaded areas are dominated by regolith.

Three-band gamma-ray spectrometric image (potassium is red, thorium is green, uranium is blue) of the Redan 1:25,000 sheet area.

False colour Digital Elevation Model of the Redan 1:25,000 sheet area. Maximum elevations exceed 225 m (red areas) and lowest areas are less than 130 m (blue).

WARNING: Colour may deteriorate with prolonged exposure to light and moisture

consist of quartzose sands and gravels conforming to a contour banding pattern. Minor powdery and hardpan regolith carbonates with fine red-brown sands. Colonised by chenopod shrublands dominated by Atriplex vesicaria and minor Maireana spp. Sub-angular to sub-rounded lithic and quartzose sands and gravels mantling and flanking areas with moderate relief. Surface materials consist of coarse lithic and quartz sands and gravel surface lag with occasional maghemite and red-brown sands. Minor powdery hardpan and nodular regolith carbonates. Colonised by chenopod shrublands dominated by Atriplex vesicaria. Angular to sub-rounded lithic and indurated gravels mantling and flanking areas with moderate relief. Surface materials consist of quartz sand lag with occasional maghemite and red-brown sands. Minor powdery, hardpan and nodular regolith carbonates. Colonised by chenopod shrubland dominated by Atriplex vesicaria + or - open woodland with Casuarina pauper and Acacia brachystachya. Angular to sub-rounded lithic and quartzose sands and gravels mantling and flanking areas with slight relief. Surface materials consist of coarse lithic and quartz sand and gravel lag with occasional maghemite and red-brown sands. Minor powdery, nodular and hardpan regolith carbonates. Colonised by chenopod shrublands dominated by Scleroleana spp., Maireana spp. and Atriplex vesicaria. Angular to sub-rounded lithic and quartzose sands and gravels mantling and flanking areas with slight relief. Surface materials consist of coarse lithic and quartz sand and gravel lag with occasional maghemite and red-brown sands conforming to a contour banding pattern. Colonised by chenopod shrublands dominated by Scleroleana spp., Maireana spp. and Atriplex vesicaria. Angular to sub-rounded lithic and indurated gravels mantling and flanking areas with slight relief. Surface lag consist of coarse lithic and indurated sands and gravels with occasional maghemite and red-brown sands conforming to a contour banding pattern. Colonised by chenopod shrublands dominated by Atriplex vesicaria. quartz sand lag with occasional maghemite and red-brown sands conforming to a contour banding pattern. Colonised by chenopod shrublands dominated by Maireana spp. with sparse Atriplex vesicaria. Angular to sub-rounded quartz and minor indurated gravels mantling and flanking areas with slight relief. Surface lag consists of coarse quartz and indurated sands and gravels with abundant maghemite and red-brown sands. Colonised by chenopod shrublands dominated by Scleroleana spp., and Fine sub-angular quartz sand with occasional maghemite and other ferruginous sands within low relief, ?low gradient fans. Surface materials conform to a discrete contour banding pattern. Colonised by chenopod shrublands dominated by Atriplex vesicaria and Maireana spp. Fine sub-angular quartz sand with occasional maghemite and other ferruginous sands within low relief, low gradient fans. Surface materials conform to a patchy contour banding pattern. Colonised by grasslands dominated by Astrebla pectinata, Hardeum ceparinum and minor Maireana spp. Sub-angular to sub-rounded gravels composed of lithic, quartz and indurated regolith with occasional maghemite within slight relief, low gradient fans. Surface materials conform to discrete contour banding pattern with soil piping and soil slumping common. Colonised by grasslands dominated by Astrebla pectinata, Hardeum ceparinum and minor Maireana spp. fans. Surface materials conform to a discrete contour banding pattern with soil piping and soil slumping common. Colonised by chenopod shrublands Sub-angular to sub-rounded gravels composed of quartz and indurated gravels with abundant maghemite within slight relief, low gradient fans. Surface materials conform to a discrete contour banding pattern with soil piping and soil slumping common. Colonised by chenopod shrublands dominated by gravel with occasional maghemite and red-brown material. Minor nodular and hardpan regolith carbonates. Colonised by chenopod shrublands dominated Atriplex vesicaria and Maireana spp. Sub-angular to sub-rounded lithic and quartz sands and gravels within low relief areas. Surface lag consists of fine lithic and quartz sand and gravel with occasional maghemite and red-brown material conforming to a contour banding pattern. Minor nodular and hardpan regolith carbonates. Colonised by chenopod shrublands dominated by Atriplex vesicaria and Maireana spp. Angular to sub-rounded lithic and indurated sands and gravels in low relief areas. Surface materials consist of coarse lithic, quartz and indurated sands and gravel lag with occasional maghemite, and red-brown sands. Minor nodular and hardpan regolith carbonates. Colonised by chenopod shrublands dominated by Atriplex vesicaria and Maireana spp. Angular to sub-rounded lithic and indurated sands and gravels in low relief areas. Surface materials?consist of coarse lithic, quartz and indurated sands and gravel lag with occasional maghemite, and red-brown sands conforming to a contour banding pattern. Minor nodular and hardpan regolith carbonates.?Colonised by chenopod shrublands dominated by Atriplex vesicaria and Maireana spp. Sub-angular to sub-rounded maghemite, with minor lithic and quartz sands and gravels in low relief areas. Surface materials consist of coarse lithic and quartz sands with abundant maghemite and red-brown fine sands. Colonised by chenopod shrublands dominated by Atriplex vesicaria and Maireana spp.