

**Cameco Australia Pty. Ltd.**

Goomadeer EL2585 Outcrop Lithology and Physical Properties

Sample Number	Outcrop Description	Formation	Lithology	Sed. structure	Gamma Cps (max)	Grain Size	Friability	Maximum Clast Size (mm)	Mag-Sus Units	Primary Colour	Secondary Colour	Description of sample
GD02C10001	Low blocky broken	Raiwalla Shale	sandy mudstone and white sandstone		43	6. medium	2		0.27	10YR4/6	10YR3/3	brown purple sandy mudstone partly ferruginous
GD02B10001	Low blocky broken	Raiwalla Shale	sandy mudstone and white sandstone		43	sand	1		2	10R8/1	10R5/6	white bleached sandstone
GD02B10002	low flat pavement	Buckingham Bay Sandstone	sandstone			6. medium sand	1		0.4	7.5YR4/3	7.5YR8/2	m.g. dirty buff brown sandstone
GD03C10208	allochthonous boulder of granitic gneiss within Cambrian sandstone scree	Nimbuwah Complex	weakly foliated leucocratic granitic gneiss		50		1	7	0.02	7.5YR4/6	7.5YR3/2	quartz feldspar biotite (<5% mafics)