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 ^o Geoscience Division, Regional Research Laboratory, Jorhat-785 006, Assam, India Received 19 July 1999; revised 10 April 2000; accepted 10 April 2000. Available online 18 August 2000. 	RESEARCH-ENGINE.COM
Abstract	
A laboratory scale agglomeration process has been undertaken for cleaning Indian coals using oils namely, xylene and hexane.	Related Articles in ScienceDirect
91.9% whereas with hexane, the value is 54.7% on a dry basis. The highest ash rejection values with xylene (90.7%) and with hexane	 Distribution and nature of organic/mineral bound elemen <i>Fuel</i> Extent of lead in high sulphur Assam coals
(89.7%) are almost same. Promising results for rejection of metals (Fe, Mg and Zn) have been observed. It has been found that xylene	 Processing Technology Organic affinity of silver in subbituminous Assam coals
is more selective than hexane for the agglomeration process. Knowledge gained from this study will be helpful for technological advancement of this kind of work.	 A thermal investigation on coals from Assam (India) Fuel Processing Technology Petrology of oligocene coal, makum coalfield, assam, No
Author Keywords: Coal cleaning; Xylene; Hexane; Agglomeration	International Journal of Coal Geology

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