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Telephone: 51-2444
(5 Lines)

NEWCASTLE

All Communications to be
Addressed to
RESEARCH MANAGER

The Broken Hill Proprietary Coy. Ltd.

(INCORPORATED IN THE STATE OF VICTORIA)

RESEARCH DIVISION

CENTRAL RESEARCH LABORATORIES
SHORTLAND, N.S.W. 2307

YOUR REF. JMS - 21/11/75

OUR REF. PHS/CWB/BM.404-1.

13th September, 1976.

Mr. A. H. Bartlett,
Manager - Exploration,
Comalco Limited,
GPO Box 2773Y,
MELBOURNE, Vic. 3001

Dear Sir,

Further to your letter and the subsequent 'phone discussion with Dr. Scaife, details of our use of fluorspar for steelmaking are as follows:-

Current source:	China
Consumption:	15-20,000 t.p.a.
Cost:	\$63-30 into dump for 85% CaF ₂ (penalty/bonus of 81 cents per unit of CaF ₂ for variation)
Specification:	CaF ₂ 83% (min) SiO ₂ 16% (max) size 6-100 mm (85% min within range)

To be usable by the steel industry, the fluorspar would have to be at least 60% CaF₂.

In regard to the possibility of producing a coal washery grade magnetite from this deposit, please find attached details of the required properties and specifications for such material currently purchased by our company. The price of this magnetite is \$86 per tonne delivered into store.

Should you wish to proceed with this development, the appropriate beneficiation and product evaluation could be carried out at these laboratories on a contractual basis.

Yours faithfully,

K. J. Figgis
K. J. Figgis
MANAGER.

Encl.