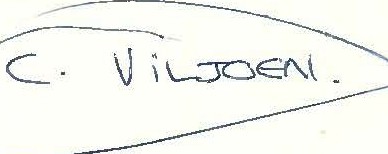
 

MINTEK 522

**MINTEK**

COUNCIL FOR MINERAL TECHNOLOGY

FAX NO: (011)793-2413



**TELEFAX MESSAGE**

TO: Tsumeb Corporation Limited

P.a. Box 40

TSUMEB

Namibia

FAX NO: 0671-3710 ATTENTION: Mr E.O.H. Meyer

MESSAGE:

Copy of letter and enclosure included.

FROM: **N.A.** BARCZA DIVISION: Pyrometallurgy EXT. NO. 316

**SIGNATURE OF SEND , PROJECT NO: 06687**

/ ,,.\_,. ,

TIME RECEIVED BY' REGISTRY: to: 67-- ,MINTEK REFERENCE NO. q4,5

DATE RECEIVED BY REGISTRY: *S:-:r\ (ff"* 2-2 NO. OF PAGES TO FOLLOW: ::::,

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AUTHORISED: -

(Signature of Head of Division if

required).

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1988-09-22 11:06 MINTEK RANDBURG 011 7932413 P.02



**COUNCIL FOf:I MINERAL TECHNOLOGY** • **RAAD VIR MINERMLTEGNOL.OGIE**

IN**YOUR REPI.YPLEASE QUOTE!**

**VERWYS** INU **ANTWOOAD ASS.*NA:* 0 6 68** 7/ **4B**

Mr T.v. Owen

Assistant Consulting Metallurgist Gold Fields of S.A. Ltd

P.O. Box 1167

**JOHANNESBURG**

2000

Dear Tom,

Thank you for the valuable input from yourself, Ewald Meyer and Hendrik Smit at our meeting at Mintek last Thursday, 15th September. Further to the meeting, we include a table with a comprehensive cost .breakdown for accommodating the Davy "Hi­ plas11 equipment in an extension of the campaign planned on the Mintek furnace arrangement. We have also referred these costs to both Tsumab and Davy South Africa, as requested.

As you are aware, Mintak agreed to the undertaking of the original project work for Gold Fields/Tsumeb on a 'B' category basis, following your Mr Richard Beck's approach to us last year. The conditions stipulated in the proposed Davy Agreement and Draft Memorandum of Understanding, however, preclude the project covering the extension of the campaign from being conducted on a 1Bt category. Firstly, Minte cannot take the risk for testwork to be conaucted on equipment over which it has no control and on which it has no prior first-hand experience.

Secondly, Mintek would not have any ri9hts to the technology

even after a moratorium period of one year on completion of the work as prescribed for 'B' category project. This means, therefore, that wa are obliged to carry out the project work on a 'C' category basis. The oosts have therefore been indicated accordingly.

FinallY1 we would like to reiterate that Mintek is more than prepared to include the Davy 'Hi-plas• system in an extension of our forthcoming campaign on your 'PLASMAFUME' project, as long as it does not jeopardise the tests on Mintek•s furnace configuration, i.e. the Davy tests to be conducted at the end of the campaign.

/We look ........

**200 HANS** STRtJDOM **ORIVE1,RANOB\/RG** TEL. **ADD. MINTEKSA JOHANNES8URO TELEX 4-24a87 SA TEL** (011) 793•3511

**FACSIMfLE 793,2413**

ALL **CORRESPOND!NCE**tO: PRIVTE **BAG** k3015, RAHDl!IIRG **2125SOUTW AFRICA**

**HANS STIUJDOM•RYLAAN**200, **IIANDBURG** TEL. **AO, MINTEKSA JOHANNESBURG TELEKS 4,24867 SA** TEL (0111 **793,3&t1**

**FAKSIMILEE 7113-2413**

AliE KORRESPOND!NSIEAAN:

**PFWMTSAIC** ll.3015, AA DBURO,

21 **SUIO,AfRIKA**



1988-09-22 11:07 MINTEK RANDBURG 011 7932413 P.03

We look forward to your response to the **above, and** in particular to our draft agreement with Oavy **S.A.** Limited to cover their option to contract for the Mintek plasma arrangement, tabled with yourselves at the meeting.

Yours sincerely,

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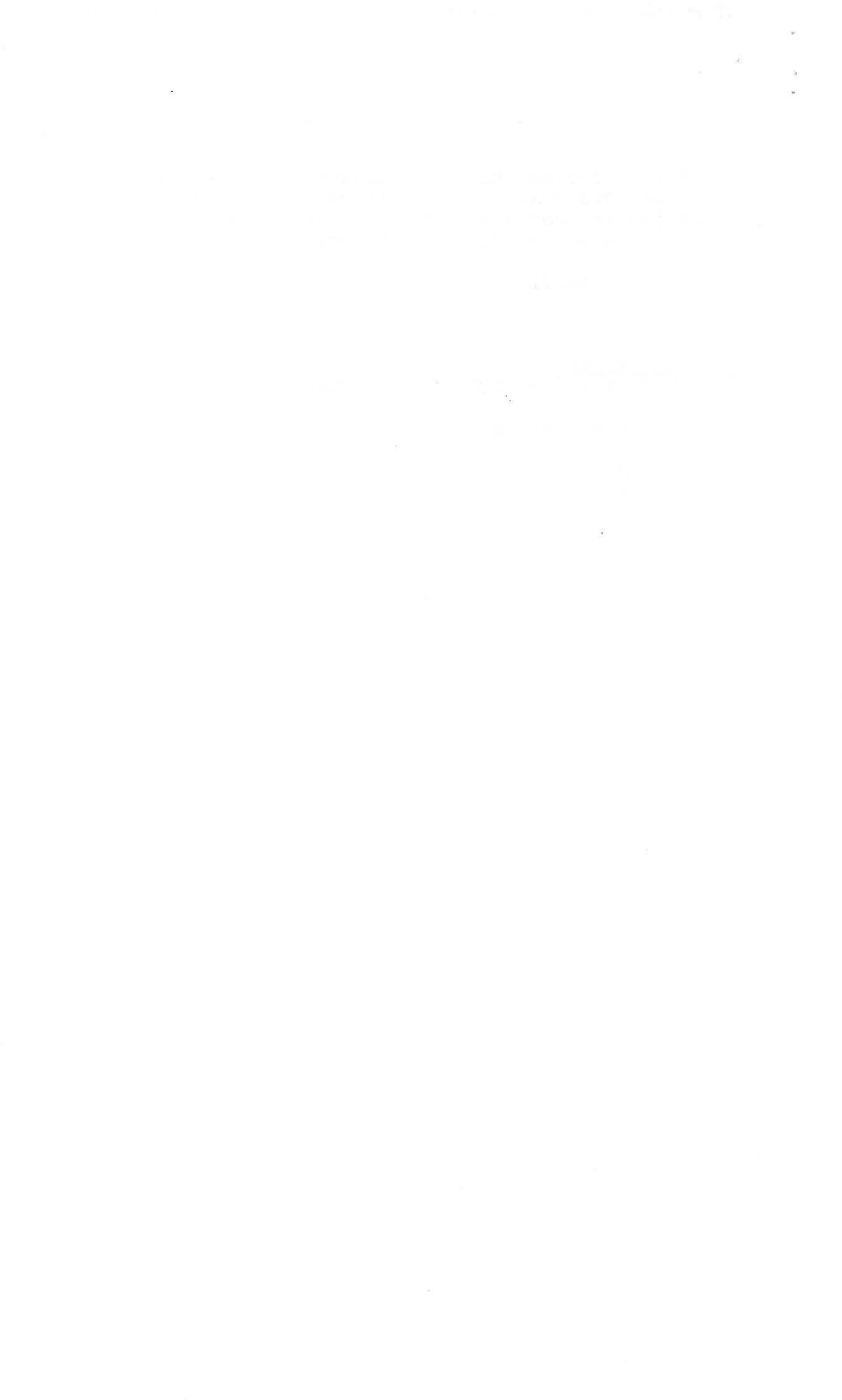
BARCZA

DIRECTOR: PYROMETALLURGY DIVISION

c.c. Mr E.O.H. Meyer (Tsumeb), Mr A. Newall (Davy s.A.).

NAB/omn

88.09.20.



1988-09-22 11:08 MINTEK RANDBURG 011 7932413 P.04

COSTS TO OPERA E THE 3.2 MVA FACILITY FOR AN EXTENSION TO

THE CAMPAIGN ON PROJECT 'PLASMAFUME' TO ACCOMMODATE

1HE DAVY 'HI-PLAS' SYSTEM

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. | BASED ON MINTEK STAFF ONLY |  | | |
|  | 1.1. Setting-up, warming-up, and |
|  | *2* days running  1.2. Cost per day after 2 days operating | R 61  R l7 | | ll2  755 |
|  | l. 3. Campaign cost for 7 days running | **R149** | | **887** |
| 2. | POSSIBLE REDUCTIONS ON 1. |  |  |  |
|  | 2.1. Minimum. Mintek staff *(i.e.* supervision |  |  |  |
|  | only by Mintek, all operating staff |  |  |  |
|  | supplied by Tsumeb/Davy) |  |  |  |
|  | 2.1.1. Setting-up, warming-up and |  |  |  |
|  | 2 days running | ***R*** | **61** | **112** |
|  | Cost reduction | - R | 6 | 190 |
|  |  | **R** | **54** | **922** |

* + 1. Cost per day after 2 days

# operating

cost reduction

* + 1. Campaign cost for 7 days running

Cost reduction

# 2.2. Minimum Mintek staff and chemical

analyses (essential elements only)

R l7 755

- R 2 *380*

R 15 375

Rl49 887

- R,, l8 090

Rl31 797

|  |  |  |
| --- | --- | --- |
| 2.2.1. Setting-up, warming-up and |  | |
| 2 days running | R | 54 922 |
| Cost reduction | - R | 2 400 |
|  | **R** | 52 522 |
| 2.2.2. Cost per day after 2 days |  |  |
| operating | **R** | 15 375 |

Cost reduction

2.2.3. Campaign cost for 7 days running

Cost reduction

- R 1 200

R 14 175

R131 797

- R 8 400

R123 397

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