R11

MINERAL RESOURCES DEVELOPMENT ACT 1990

APPROVED WORK PLAN VARIATION

LICENCE TYPE	MINING LICENCE
LICENCE NUMBER	5004
NAME OF LICENSEE	Hazelwood Power Corporation Limited
ADDRESS OF LICENSEE	Hazelwood Drive Morwell, Victoria 3840
AREA	2725 hectares
DATE OF VARIATION APPROVAL	1 October 1997
STRATUM OF LAND	N/A

Date of Registration

13 / 10 / 1997

Time of Registration

3 : 22 am/pm

Kim Ricketts

MINING REGISTRAR
MRDA 1990 (Section 69)

F8316

John Pedersen

VARIATION No2.

HAZELWOOD POWER

Date of registration
13/10/1997
Time of registration
3.22 am/pm
REGISTRAR
11:30

Variation to Work Plan Approved
1/10/97
Signed pursuant to Instrument of Delegation dated 1-7-1995

29 July, 1997

Mr Ken Gardner
Manager, Minerals And Petroleum Operations
Department of Natural Resources and Environment
PO Box 41 East Melbourne
Vic 3002

Dear Ken

VARIATION TO MINING LICENCE WORK PLAN - STAGE 1 OF INTERNAL OVERBURDEN PLACEMENT (HAZELWOOD MINE - MIN5004)

Please find enclosed three copies of our proposed design for internal overburden placement within Hazelwood Mine. Our original work plan submission of June 1995 referred to our Eastern (external to the Mine) overburden Dump. As part of the on going development of Hazelwood Mine the Eastern Overburden Dump is nearing completion of the original designated capacity.

Materials, beyond the capacity of the Eastern Overburden Dump, are intended to be placed internal to the Mine in the worked out zone shown on the attached plan (Figure M094d016). This plan was discussed with your Regional Mining Engineer Mr Greg Sleziak on the 14 July and we have included additional information on the plan as suggested by Mr Sleziak. The plan is stage 1 of the internal overburden dump development. Stage 1 should have sufficient capacity for approximately ten years of operations. The final area of the stage 1 dump will be 115 Ha and the volume when full is estimated to be up to 50M m^3 of placed material.

The attached plan shows the proposed development of the dump with an overall slope of 10:1 to maintain stability for the multiple layers. Individual batter slopes will be stabilised at between 4:1 and 6:1. Batter treatment shall consist of progressive shaping and sowing with low maintenance grasses with the prime objective of minimising sedimentary runoff. The overburden materials will be placed using a combination of trucks and stacker operations. Materials will be contained within the "hole" and will not protrude above the general contours at the edge of the Mine. Any part of the internal dump that may protrude above the future flooded water level will be rehabilitated. (This technique has been successfully employed at the SECV's former Yallourn North Extension Mine).

PO Box 195 Morwell, Victoria, 3840, Australia Phone: 03 5135 5000

Hazelwood Power currently disposes of its Power Station fly ash in a pond which is located at ground level to the east of the mine. Hazelwood Power may dispose of its fly ash in the same worked out zone shown on the attached plan. It is estimated that the volume of fly ash to be placed may be 10% of that of the overburden. The cementatious properties of the recovered ash should enhance the overall stability of the dump.

Prior to the placement of material over abandoned bore holes, the bore holes will be sealed using a procedure approved by Southern Rural Water (the statutory authority responsible for Hazelwood Power's groundwater licence conditions). The detailed bore hole sealing procedures were developed in consultation with SRW and Geo Eng our Geo-Technical consultant. The procedures were sent to SRW 23 July 1997 for their approval.

The Mine has engaged a design consultant to undertake the detailed design, hazard analysis and risk assessment associated with new conveying plant required for the project.

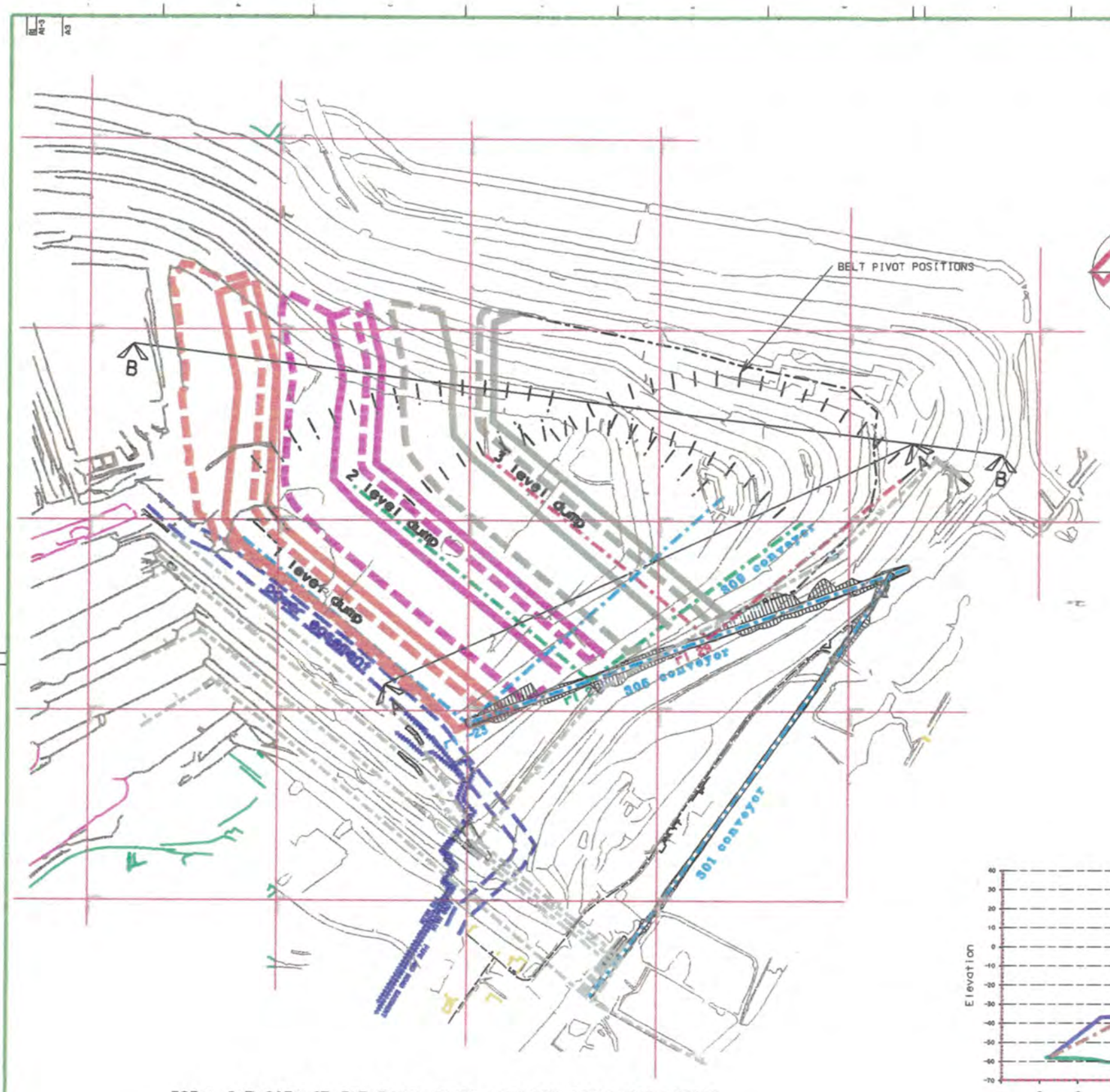
As the dump will be internal to the mine no change is envisaged to the approved rehabilitation concept master plan (included in our original work plan submission).

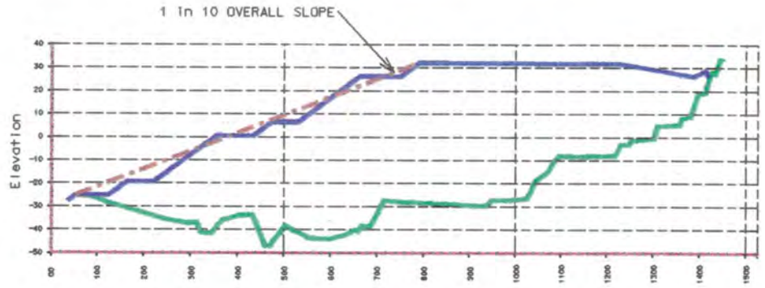
The Work Plan Variation is submitted for your approval. Following approval, placement of overburden materials is planned to commence this coming summer (1997/98).

Yours faithfully

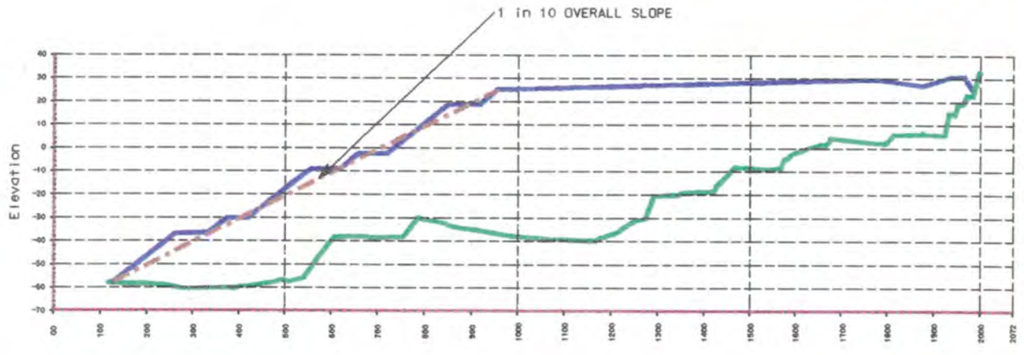
David Eves
COMPLIANCE AND SAFETY MANAGER - HAZELWOOD MINE

att





SECTION A-A



SECTION B-B

TOTAL CAPACITY OF THE FINAL DUMP = 50.000.000 CUBIC METRES.
TOTAL AREA OF THE FINAL DUMP = 115 HECTARES

SCALE 1:5000

HAZELWOOD POWER
HAZELWOOD MINE - MINE PLANNING SECTION
M094d016

HAZELWOOD MINE
INTERNAL OVERBURDEN DUMP
PROP. DUMP DEVELOPMENT AND CONV. ALIGNMENTS - PLAN AND TYPICAL SECTIONS

STD ISO SIZE A1 787 x 1028mm

CADD A1