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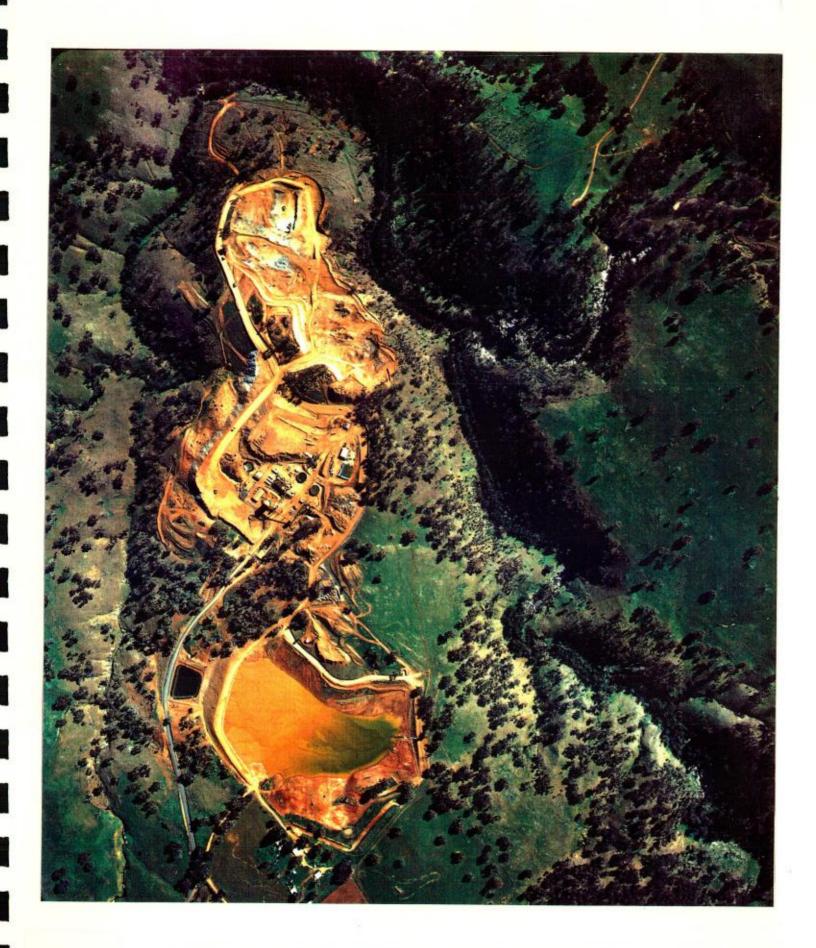
Tahmoor Mine: washery rejects disposal and emplacements management plan.



Mining, Rehabilitation and Environmental Management Plan for the

PEOLOGICAL SURV OF N.S.W.

Prepared by: R.W. Corkery & Co Pty Limited.



Frontispiece: Aerial view of Sheahan-Grants Gold Mine. Scale 1:8 000. (July 1988)

Mining, Rehabilitation and Environmental Management Plan for the

Sheahan-Grants Gold Mine Annual Report 1989

ENVIRONMENTAL GEOLOGY STATES OF N.S.

Prepared by:

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May 1989



VOLUME 2

Plans

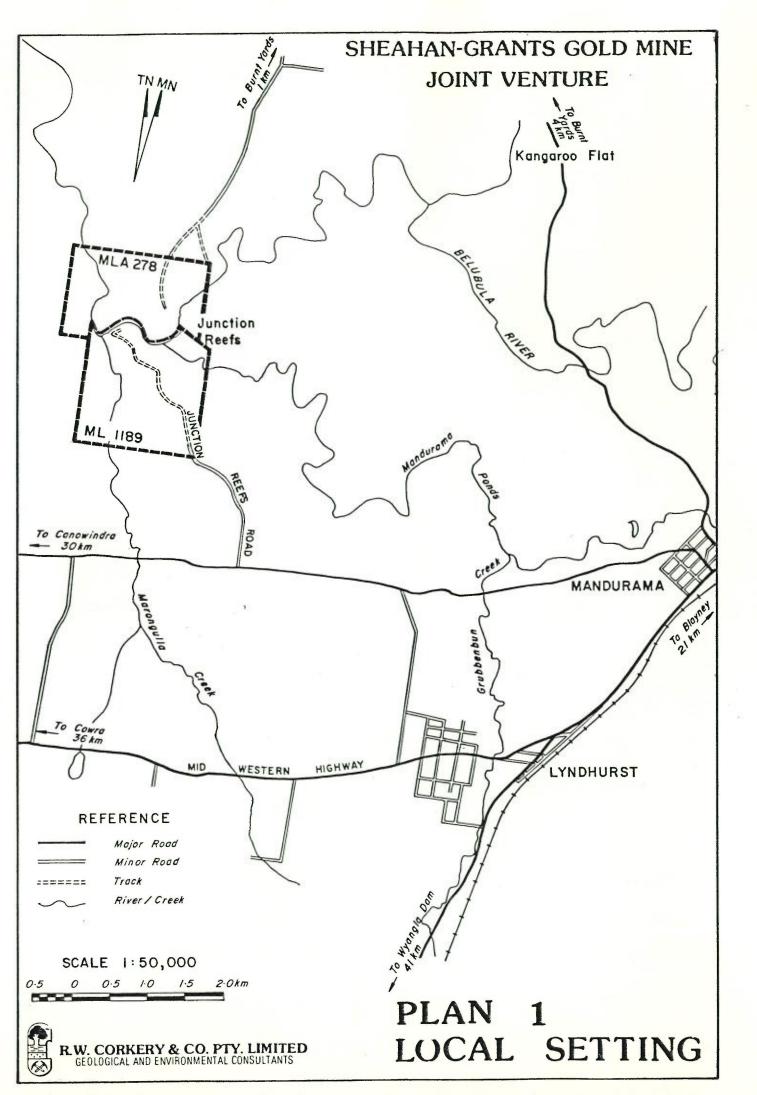
Plan 1	Local Setting
Plan 2	Landowners
Plan 3	Mining Lease 1189
Plan 4*	Mining and Exploration Titles, Revised May 1989
Plan 5*	Site Layout, Revised May 1989
Plan 5A*	Site Rehabilitation, Post Mining Lad Use Capability
Plan 6A*	Open Cut Layout, May 1989
Plan 6B*	Open Cut Layout, May 1989
Plan 7*	Open Cut Sections, May 1989
Plan 8	Pit Crest Batters
Plan 9	Final Landform
Plan 10	Pit Cross Section ZZ'
Plan 11	Old Tailings Dams - Layout
Plan 12*	Old Tailings Dams - Final Landform
Plan 13A*	Waste Emplacement May 1989
Plan 13B*	Waste Emplacement May 1990
Plan 14	In-Pit Waste Dumps
Plan 15	Tailings Facility
Plan 15A*	Tailings Dam Wall Construction Detail, May 1989
Plan 16	Treatment Plant Layout
Plan 17	Process Flowsheet
Plan 18	Silt Trap Sections
Plan 19*	Environmental Monitoring, Revised May 1989
Plan 20	Historical Features

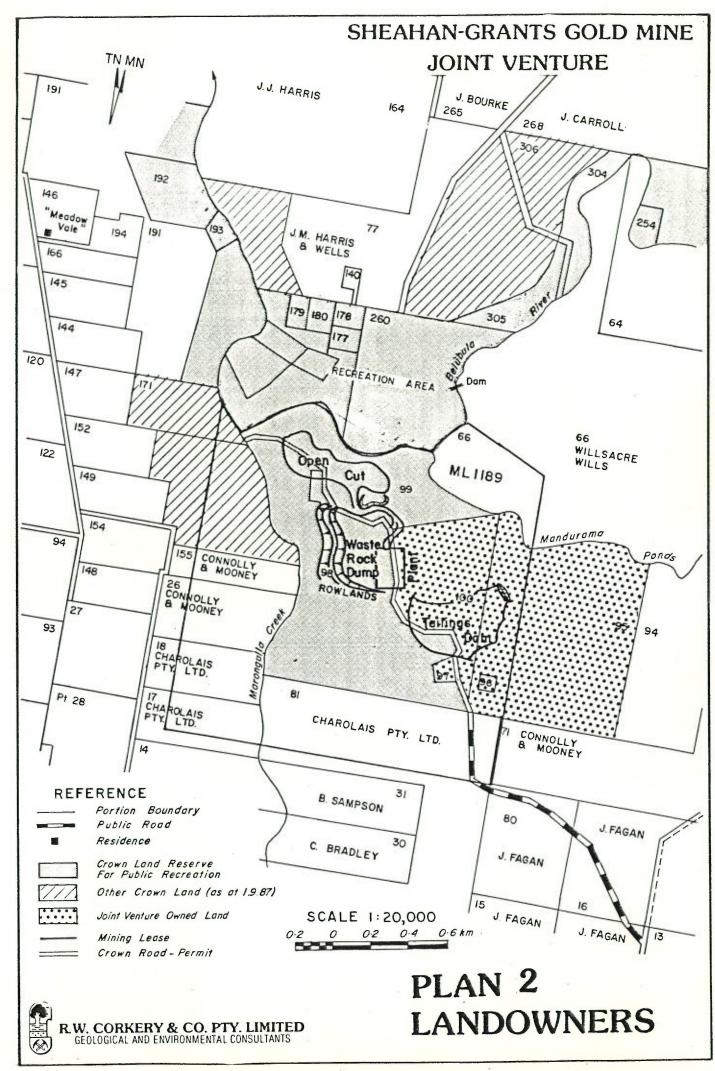
^{*} Plan revised for Annual Report, 1989

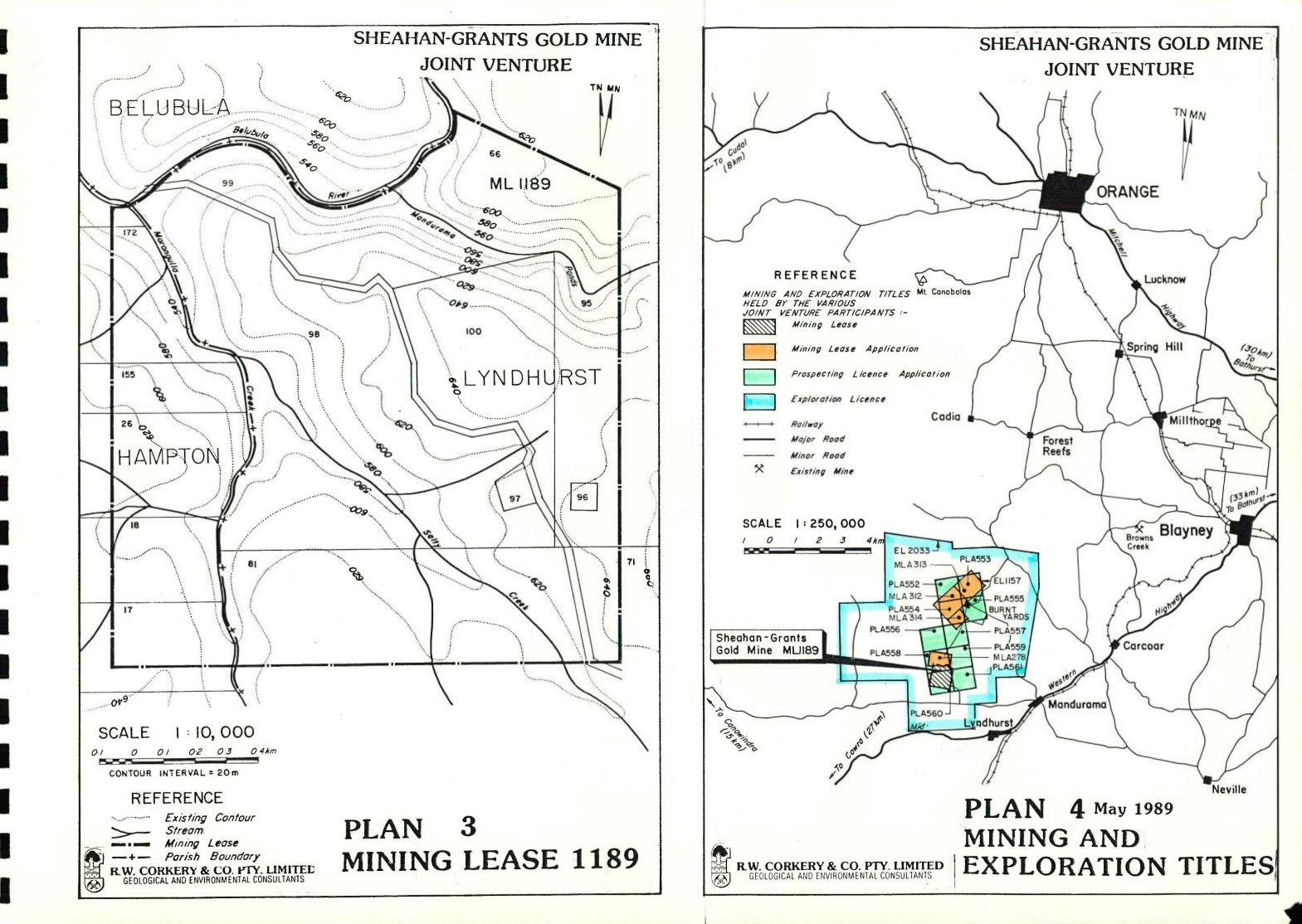
VOLUME 2

Plates

Aerial view of Sheahan Grants Gold Mine. Scale 1:8 000 (July 1988)
View of the pit and mining activity, looking west (May 1989) (Ref: 127K/ 12,13).
View of the pit looking south from the Junction Reefs recreation reserve. Note tree planting programme on the northern slope (white specks are tree seedling guards) (Ref: 12K/21, 22).
View of the waste rock emplacement looking southeast. Note level 610 m berm, level 624 m berm and final level 635 m (May 1989) (Ref: 127K/ 19,20).
View of the tailings disposal facility looking southwest from the saddle dam. Waste rock stockpiles for later spreading during rehabilitation is evident to the north and south (May 1989) (Ref. 127K/5, 6, 7).
Stable grass cover established on soil stockpile No. 3 south of the pit (May 1989) (Ref: 127K/18).
Good tree and shrub growth along the access to the mine. Planted in autumn 1988 (May 1989) (Ref: 127K/10).
Tree planting and landscaping around the offices and entrance (May 1989) (Ref: 127K/8).
Hydromulching (native shrub seed and wood pulp) trial on exposed waste rock batter (April 1989) (Ref: 127J/18).
Hydromulching (straw and grass seed) trial on exposed waste rock batter (April 1989) (Ref: 127J/21).
Hydromulching trials were undertaken using either native shrubs or grasses on the more visually exposed waste rock batter (April 1989) (Ref: 127J/10).

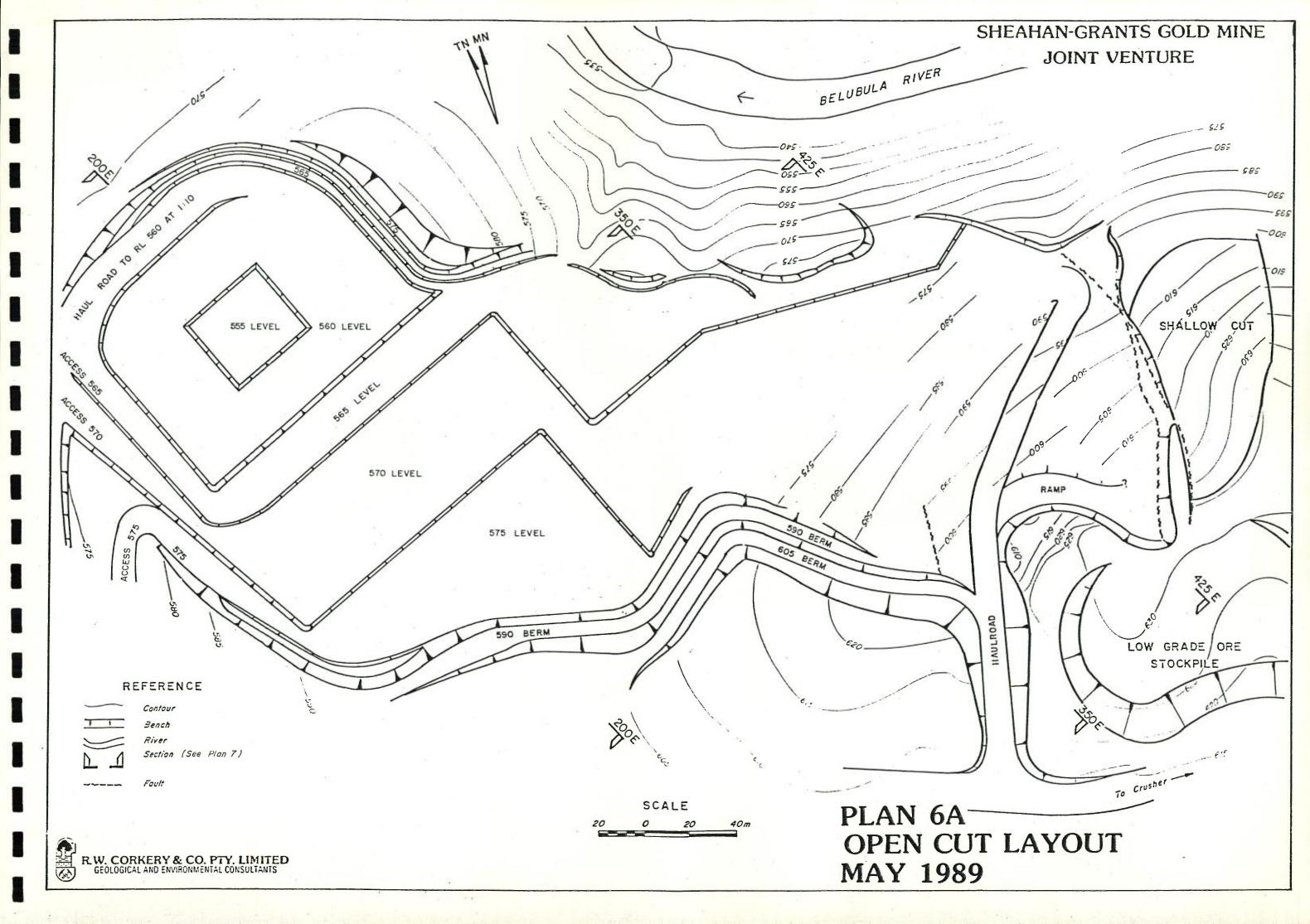


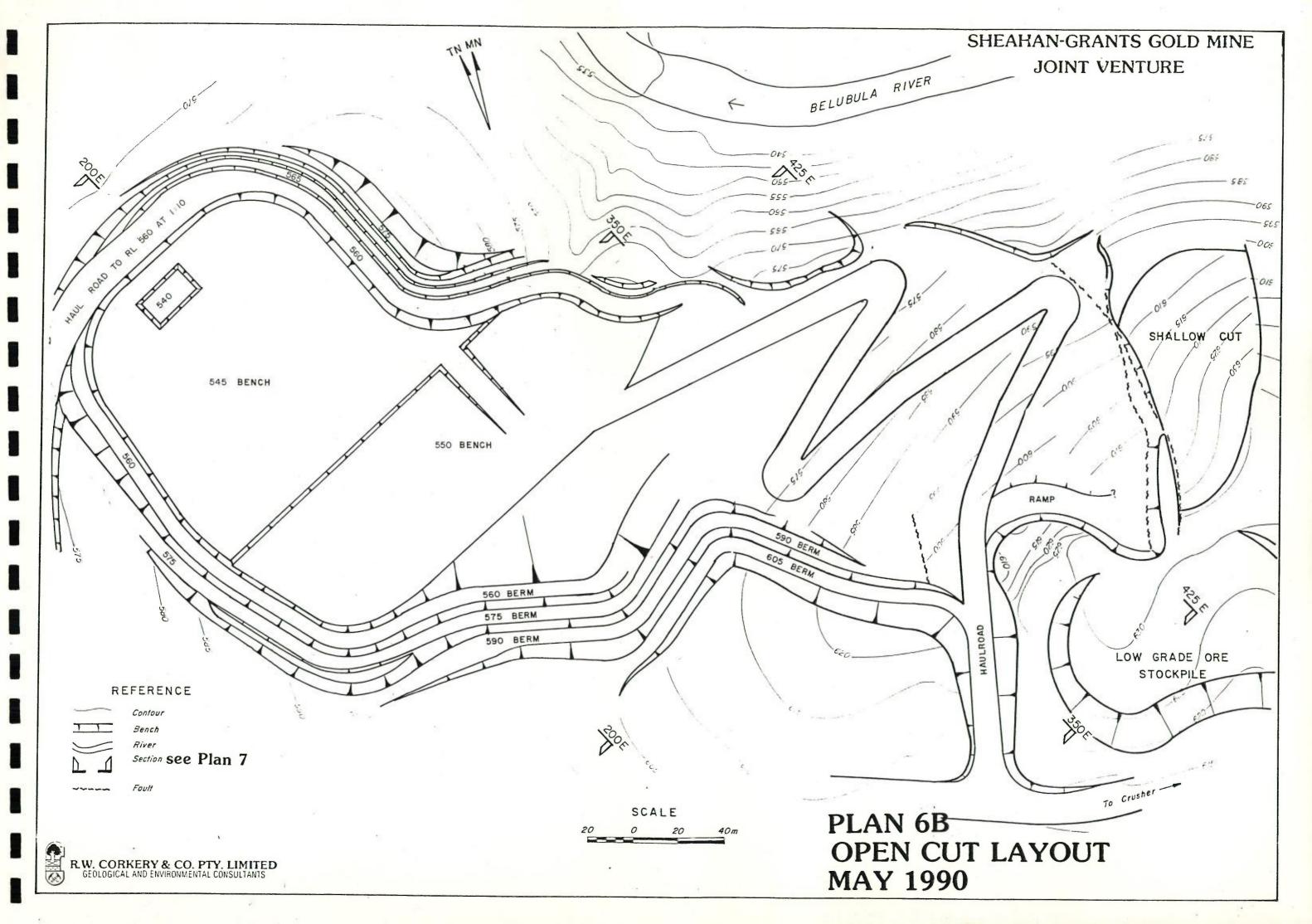


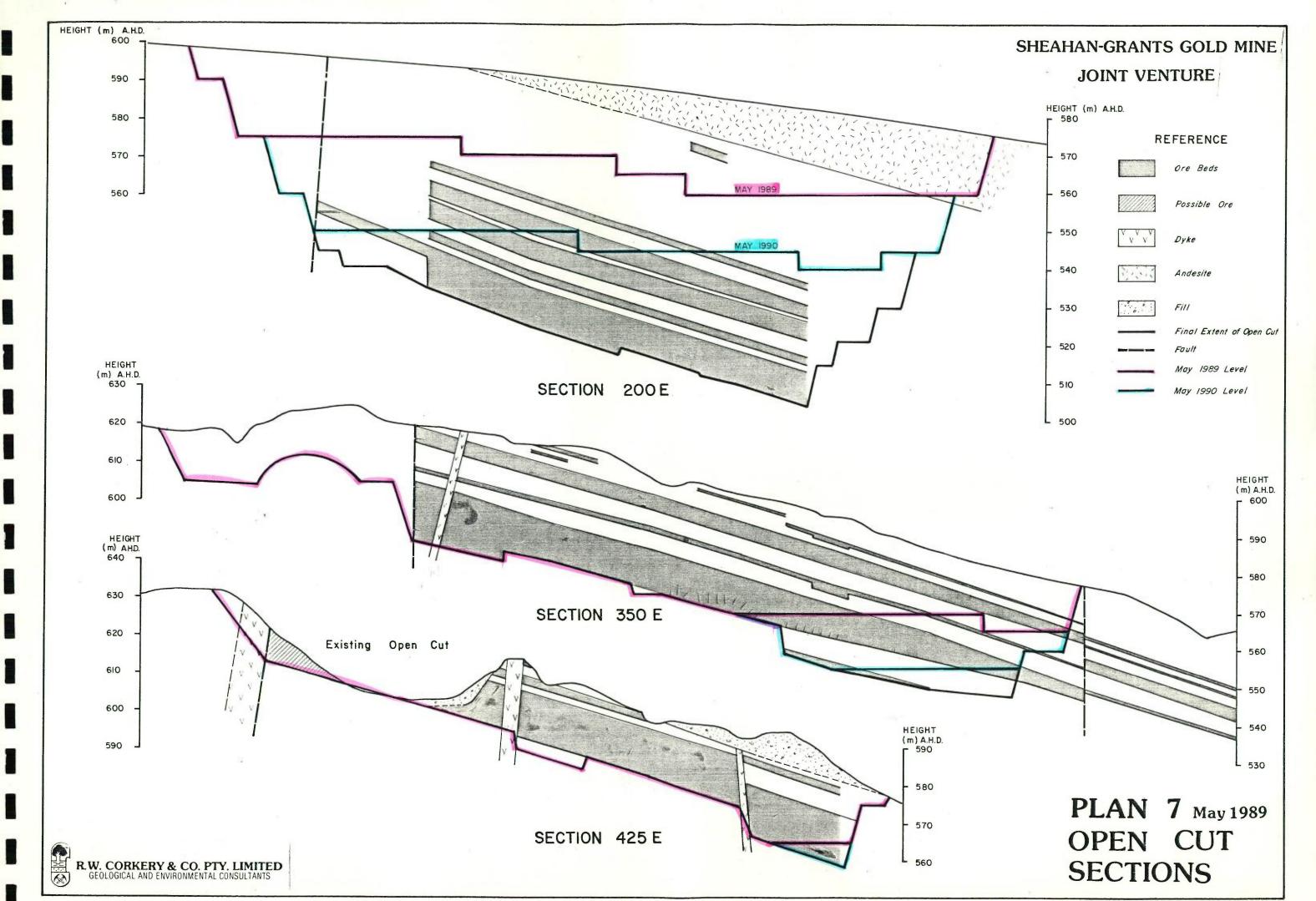


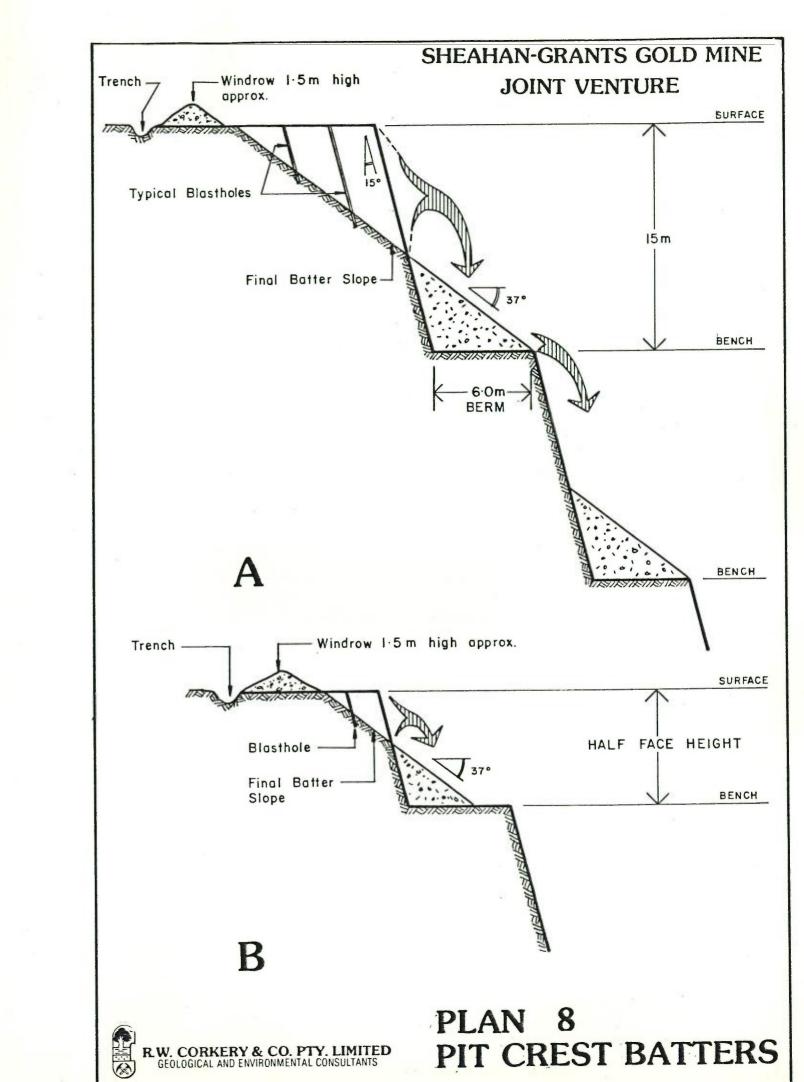
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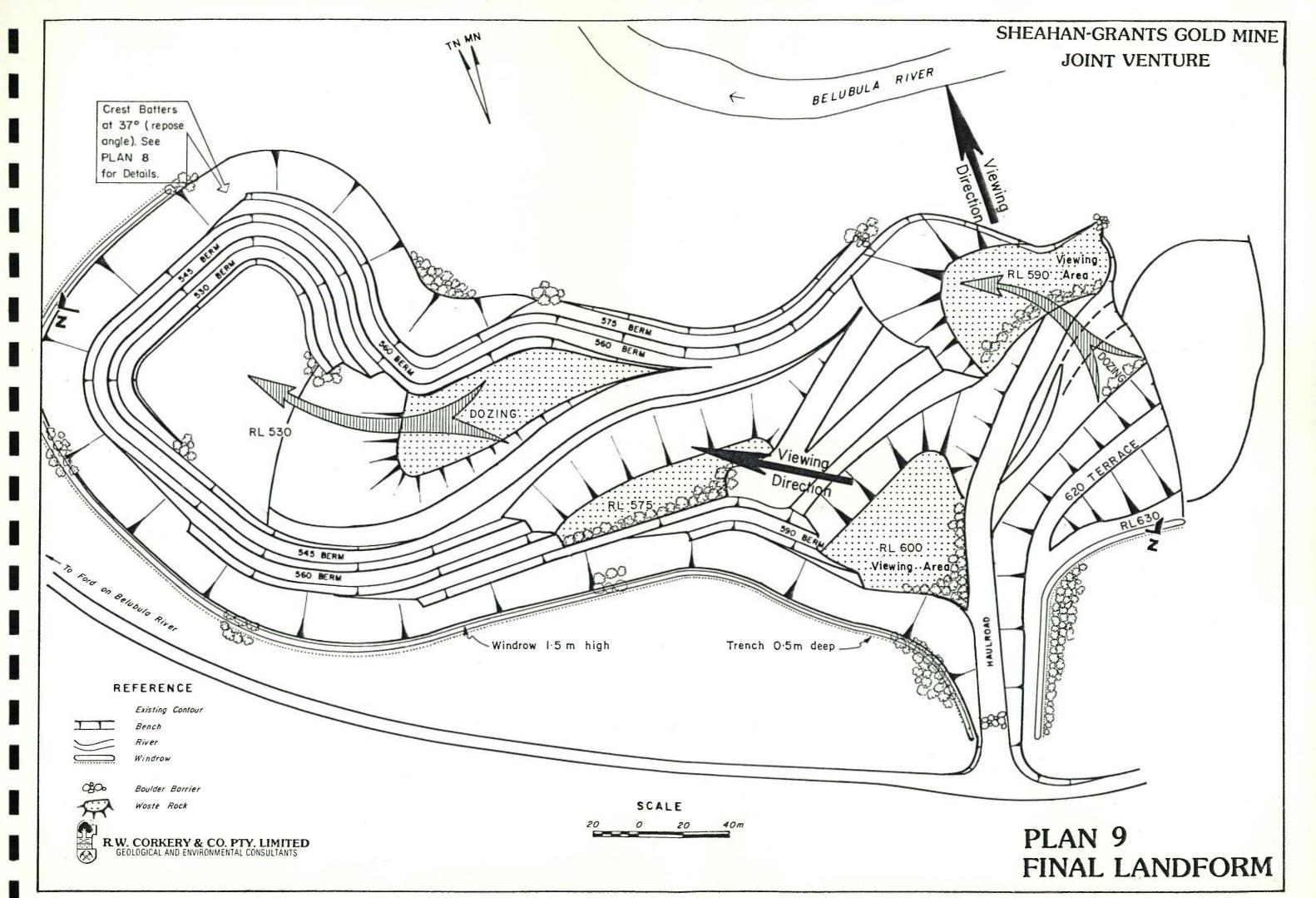
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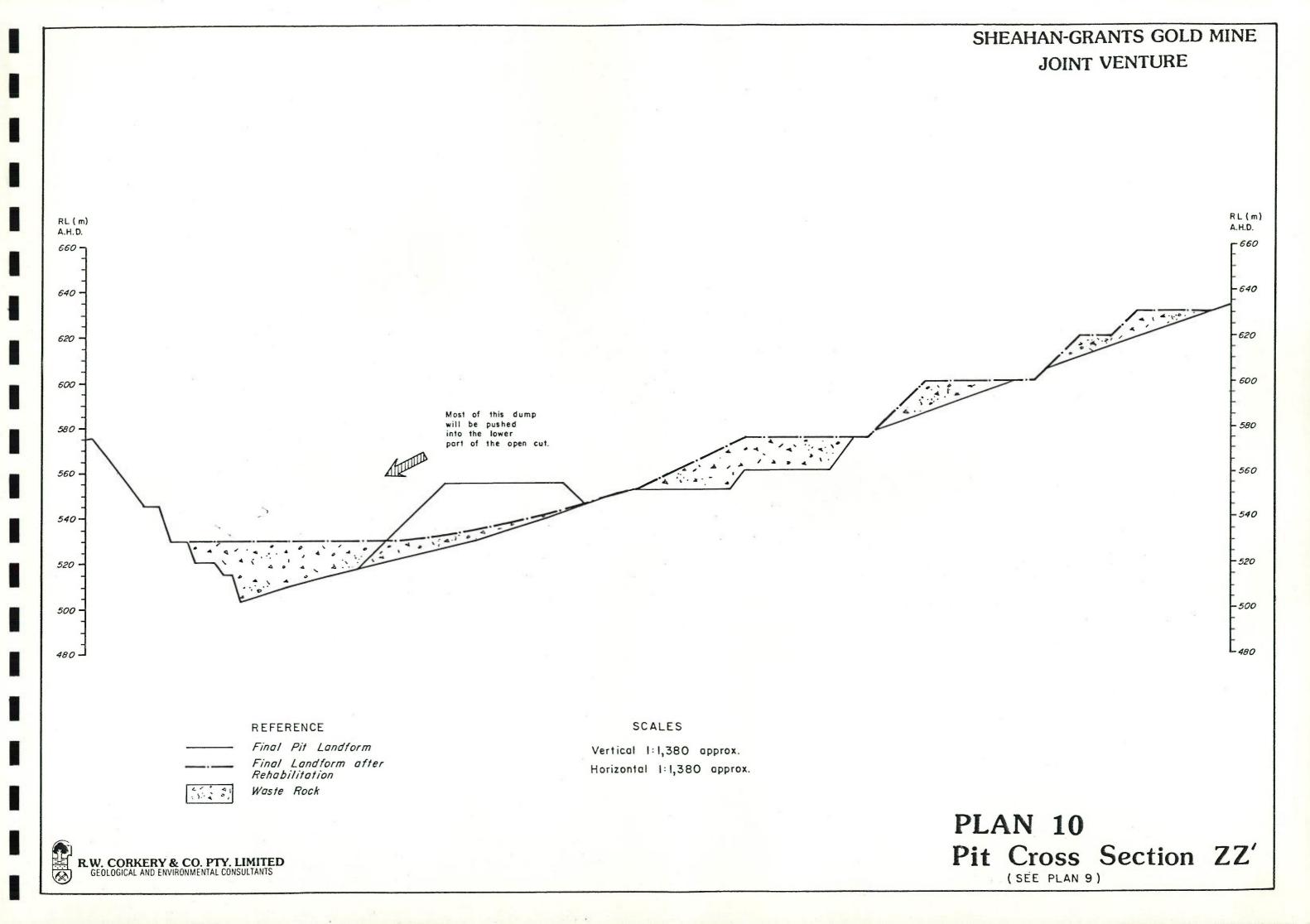


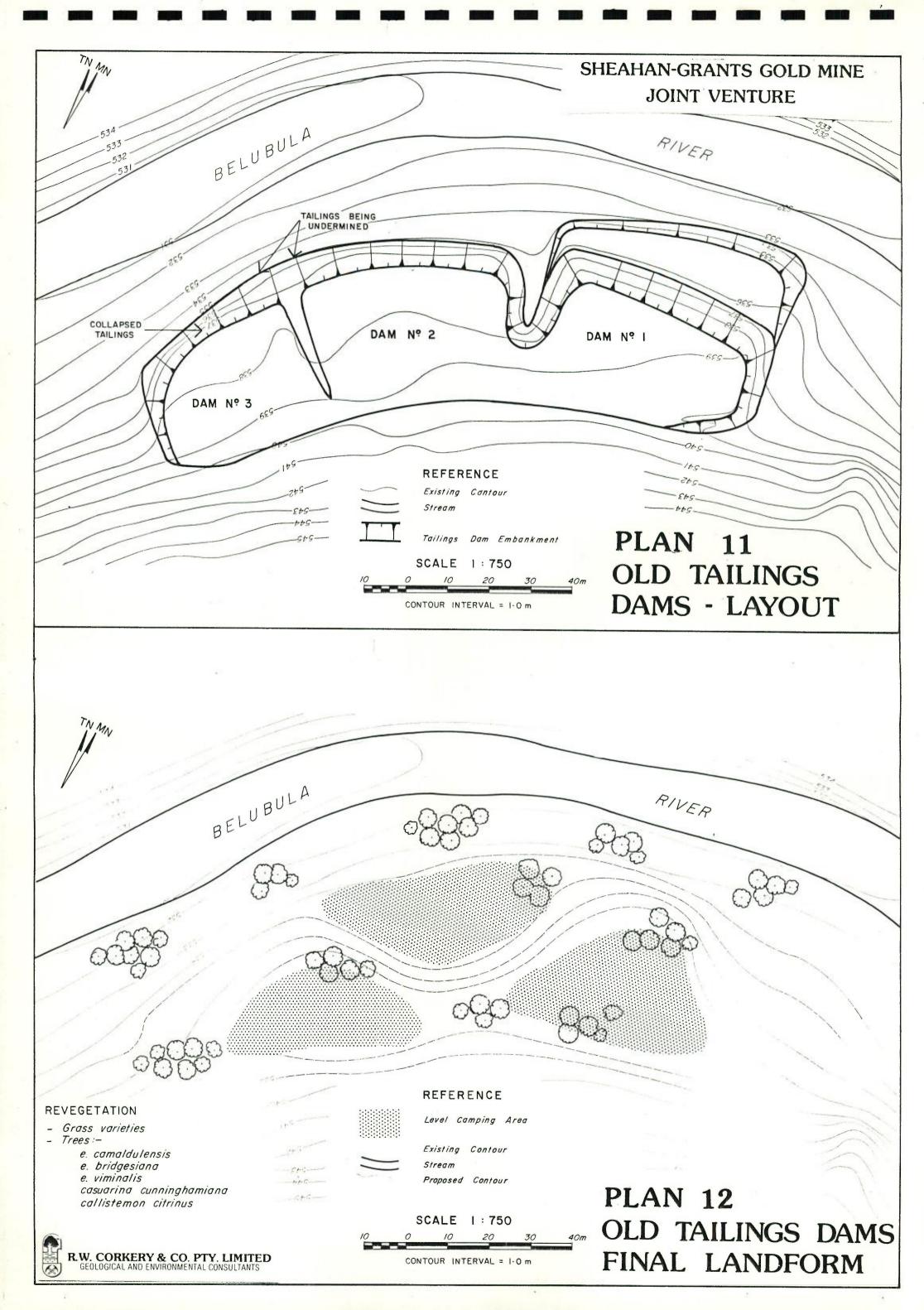


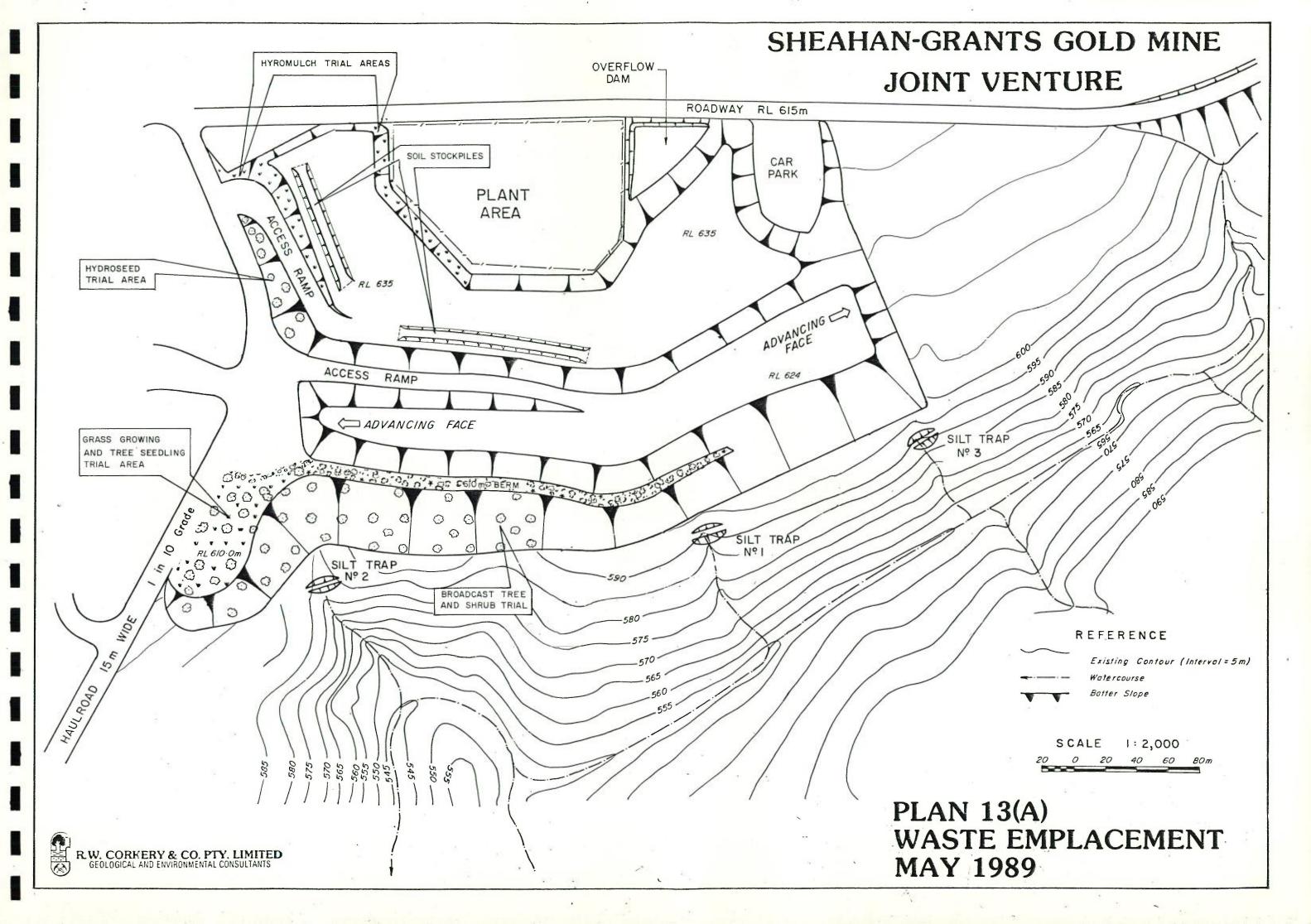


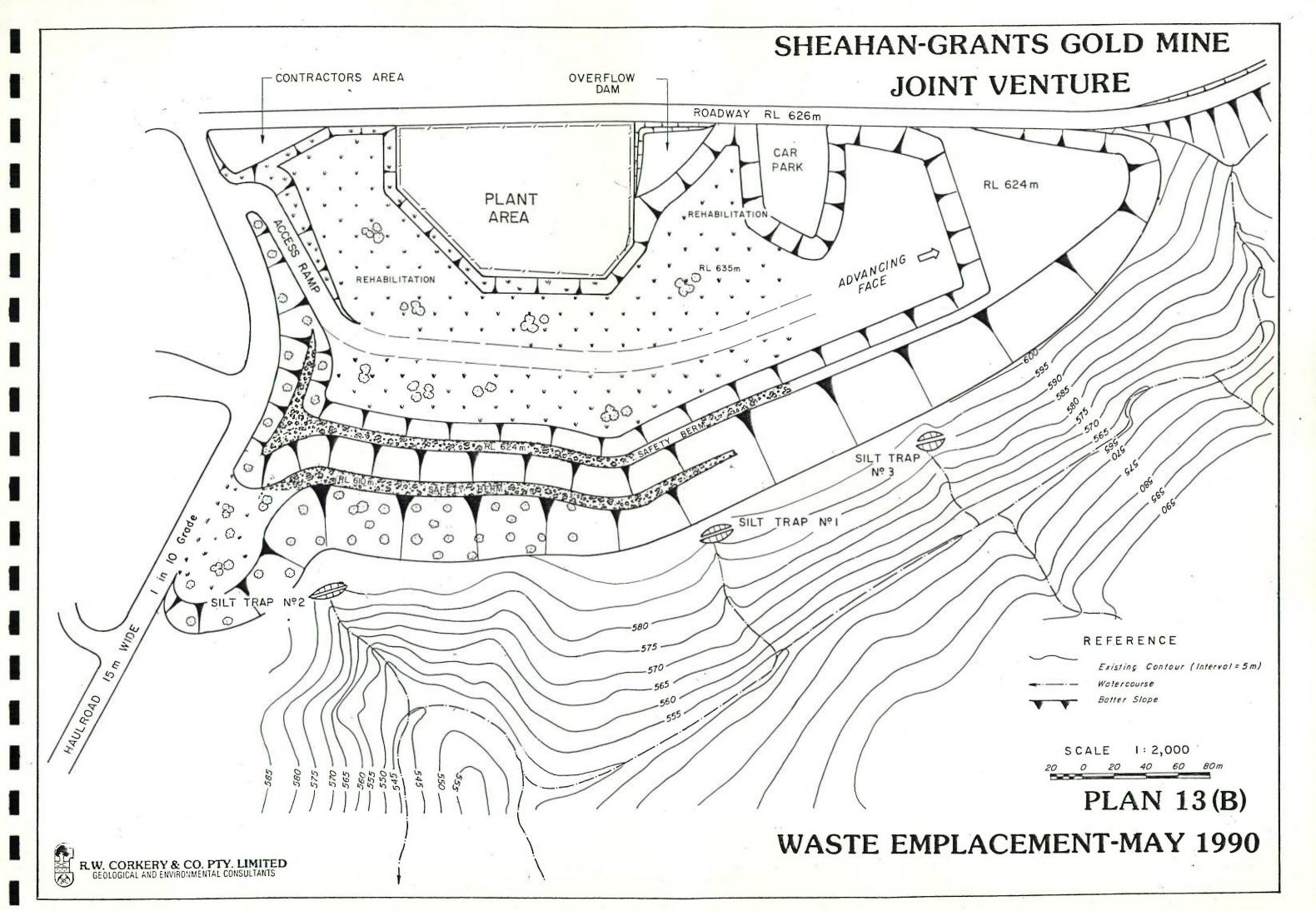


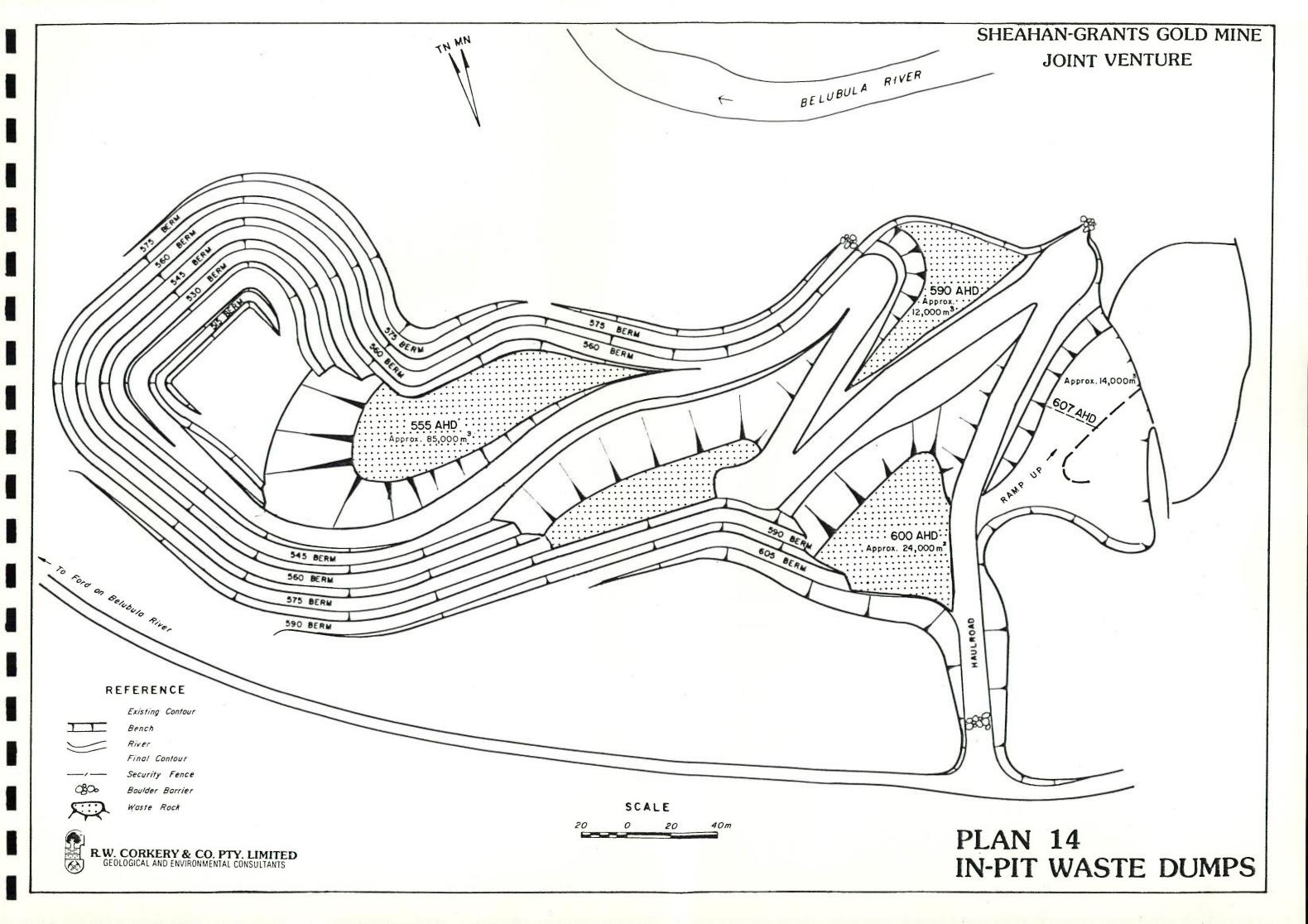




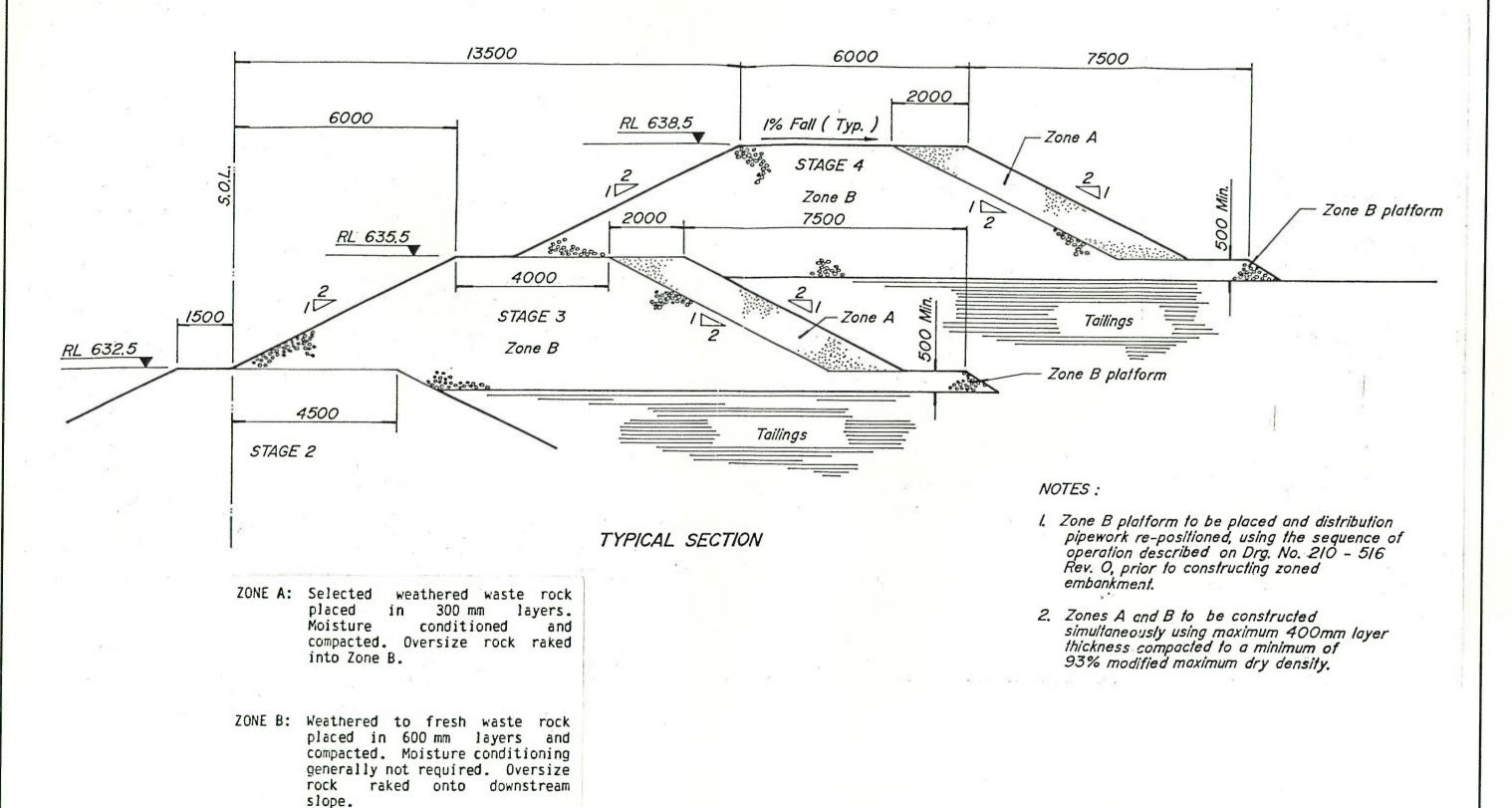








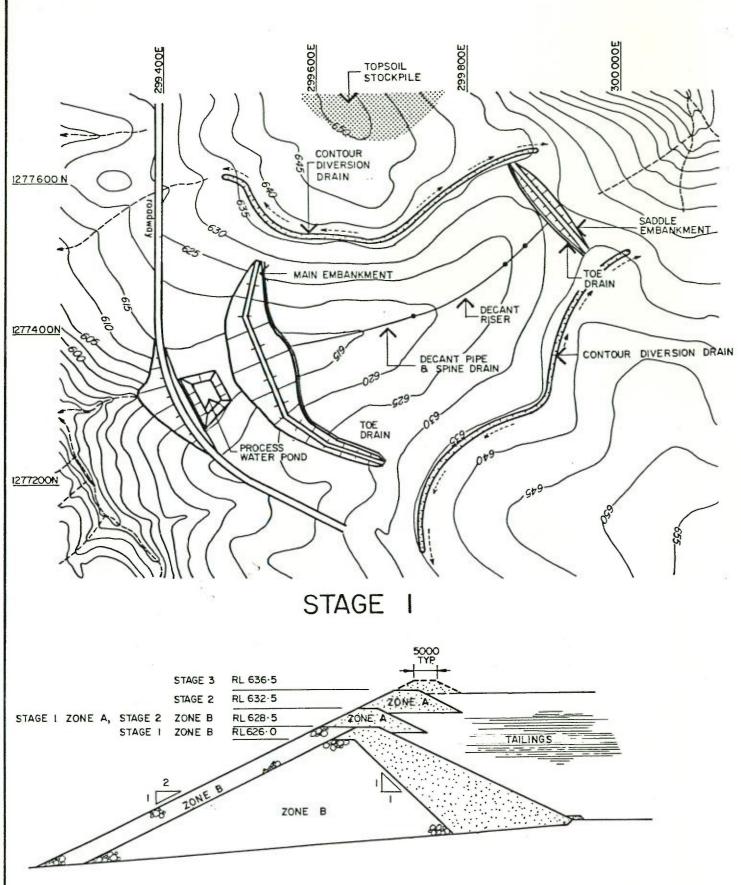
SHEAHAN-GRANTS GOLD MINE JOINT VENTURE



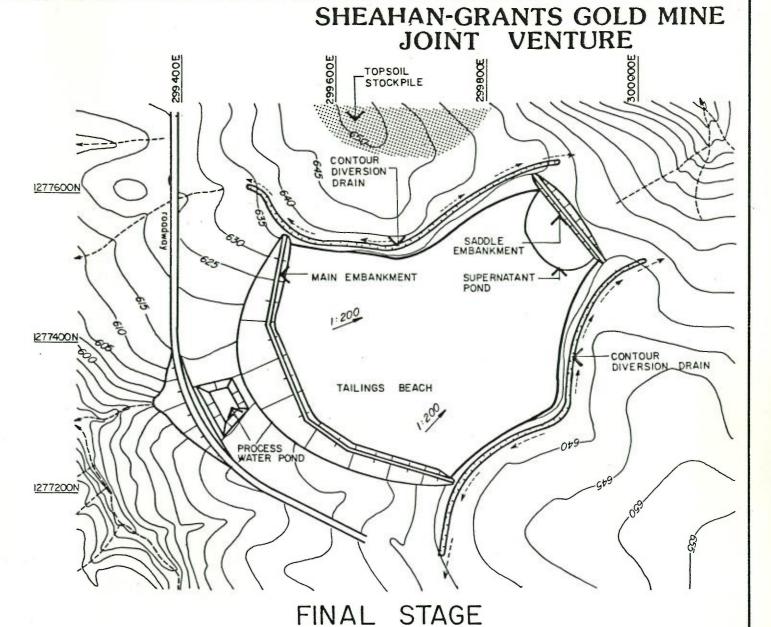
BASE PLAN SUPPLIED BY WLPU CONSULTANTS DRWG Nº 210-517 Rev. O



Plan 15A - MAY 1989
TAILINGS DAM
MAIN WALL
CONSTRUCTION DETAIL



STAGE CONSTRUCTION OF EMBANKMENT - SECTION



ZONE A: Selected weathered waste rock placed in 300 mm layers.

Moisture conditioned and compacted. Oversize rock raked into Zone B.

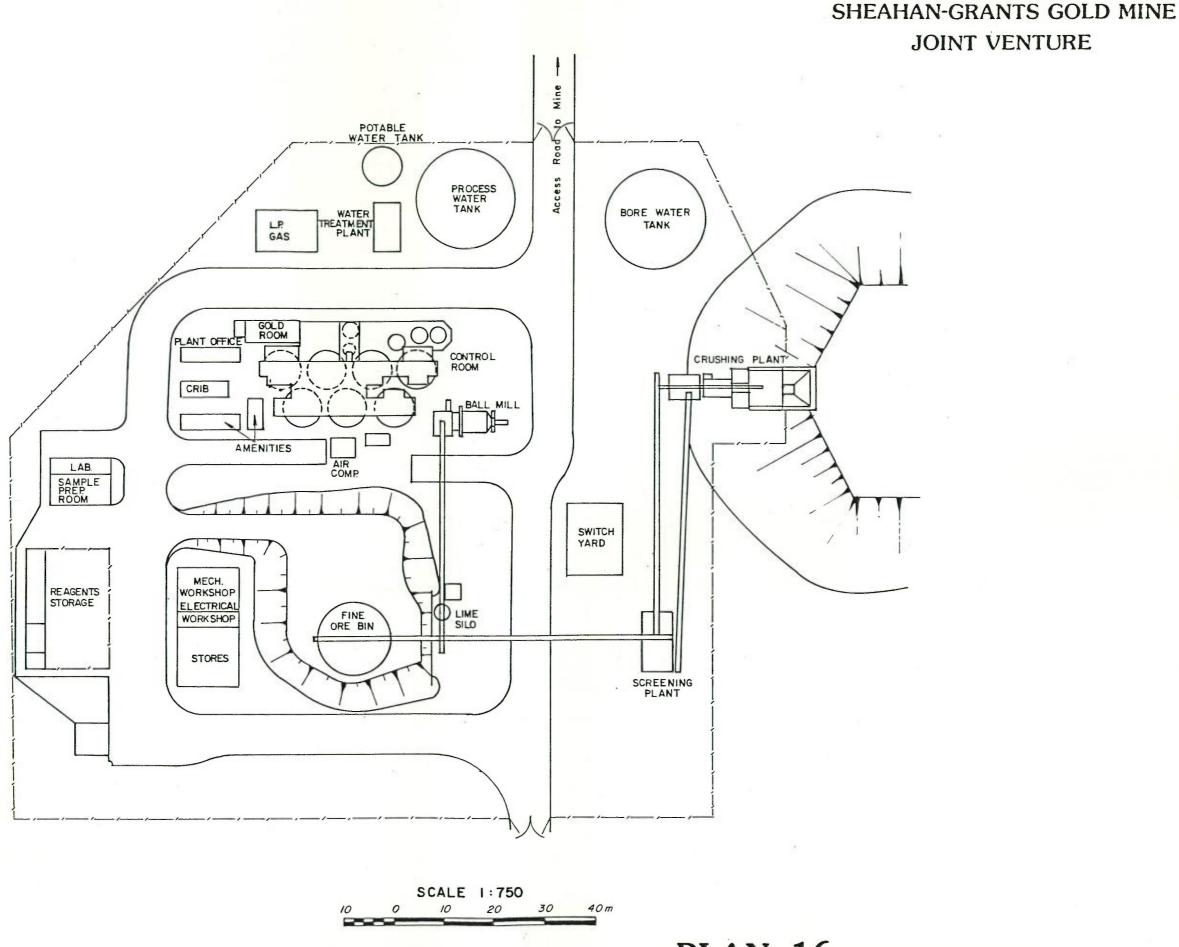
ZONE B: Weathered to fresh waste rock placed in 600 mm layers and compacted. Moisture conditioning generally not required. Oversize rock raked onto downstream slope.

PLAN 15 TAILINGS FACILITY

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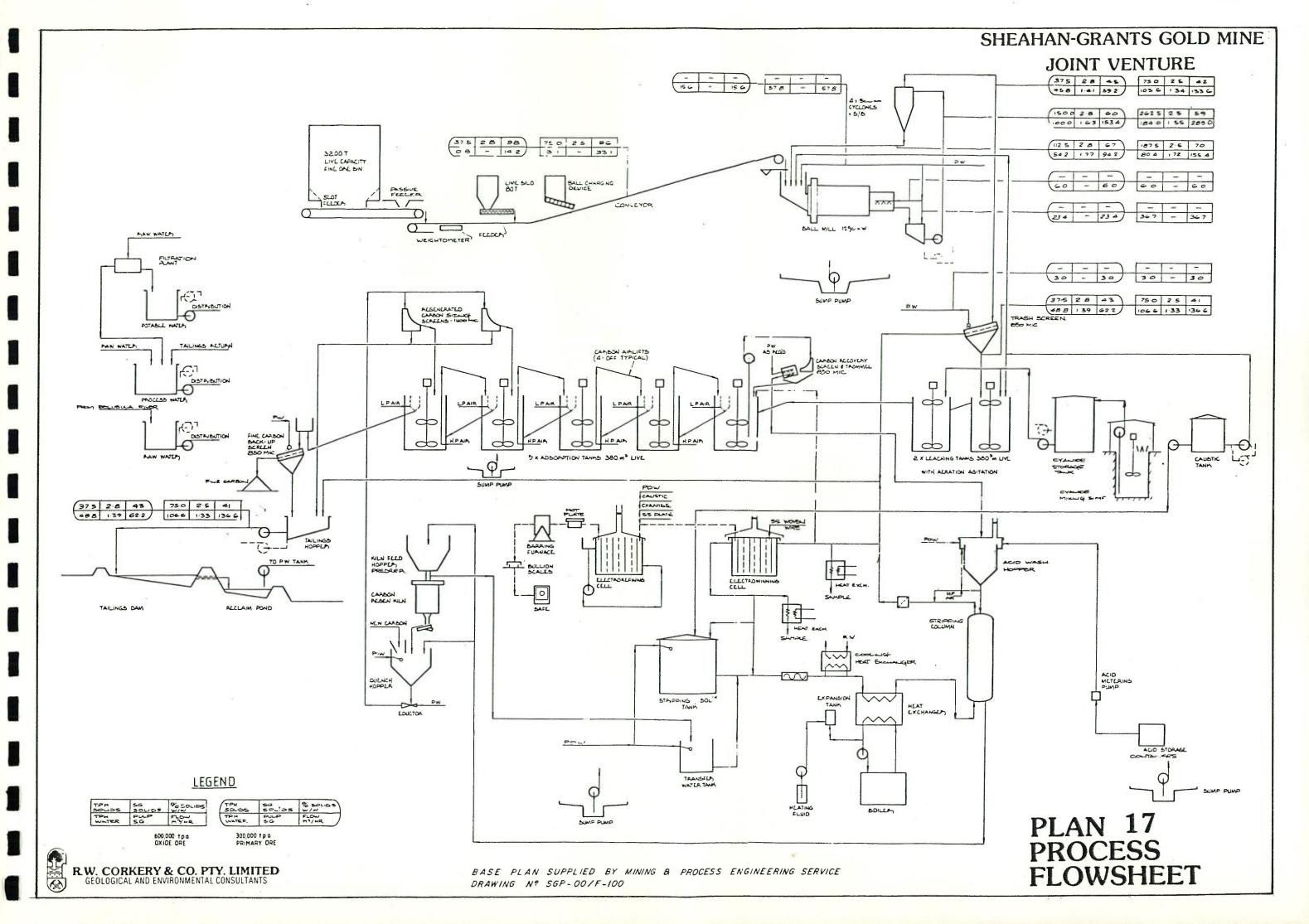
BASE DRAWINGS PREPARED BY WLPU CONSULTANTS

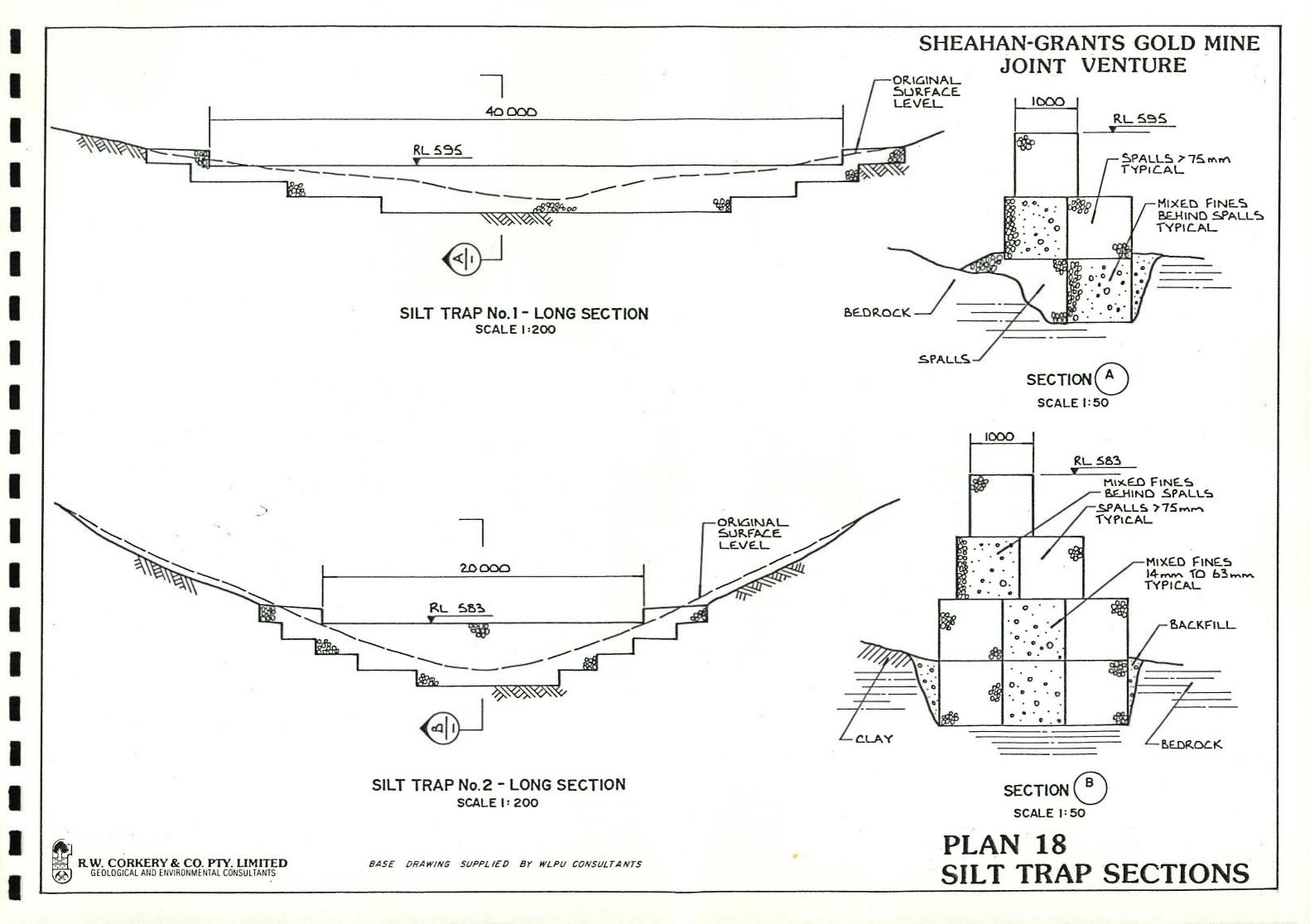




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GEOLOGICAL AND ENVIRONMENTAL CONSULTANTS

PLAN 16 TREATMENT PLANT LAYOUT





MLA 278 'Meadow Vale' 3. □JRA-2 JRA-I ●JRW-6 JRW-5 LIMIT OF OPEN CUT LOW GRADE ORE STOCKPILE ROM STOCKPILE TAILINGS □JRA-3 ACCESS ROAD ML 1189 R.W. CORKERY & CO. PTY. LIMITED GEOLOGICAL AND ENVIRONMENTAL CONSULTANTS PROJECT Nº 127

SHEAHAN-GRANTS GOLD MINE JOINT VENTURE

REFERENCE



NOTE: Water monitoring at upstream sites (JRW-I, JRW-2, JRW-3) discontinued April 1989.

Internal water monitoring site JRI-6 (at silt trap $N^{\circ}3$) has been added, May 1989.

PLAN 19

REVISED MAY 1989

ENVIRONMENTAL MONITORING

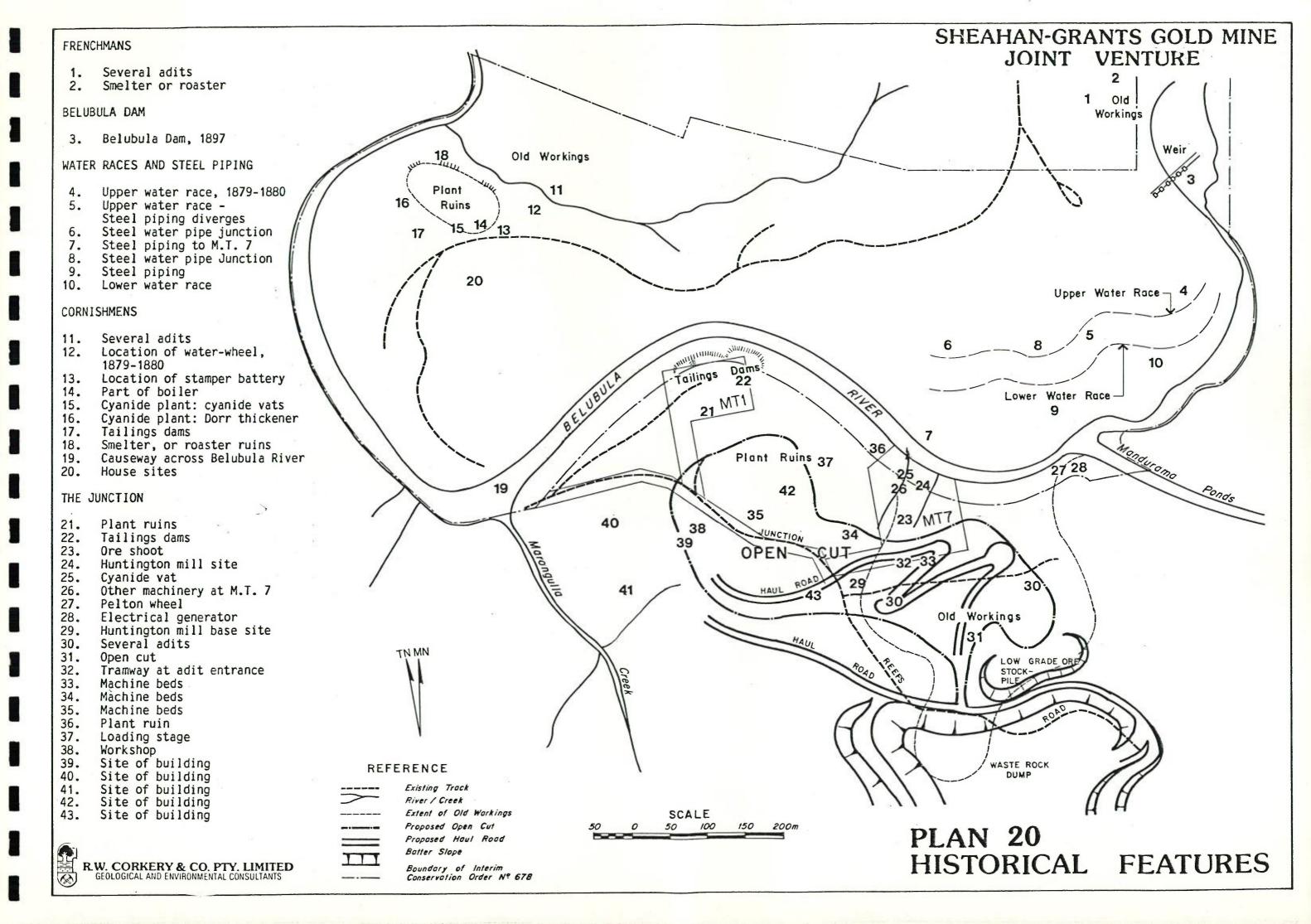




Plate 1: View of the pit and mining activity, looking west (May 1989). (Ref: 127K/12,13)

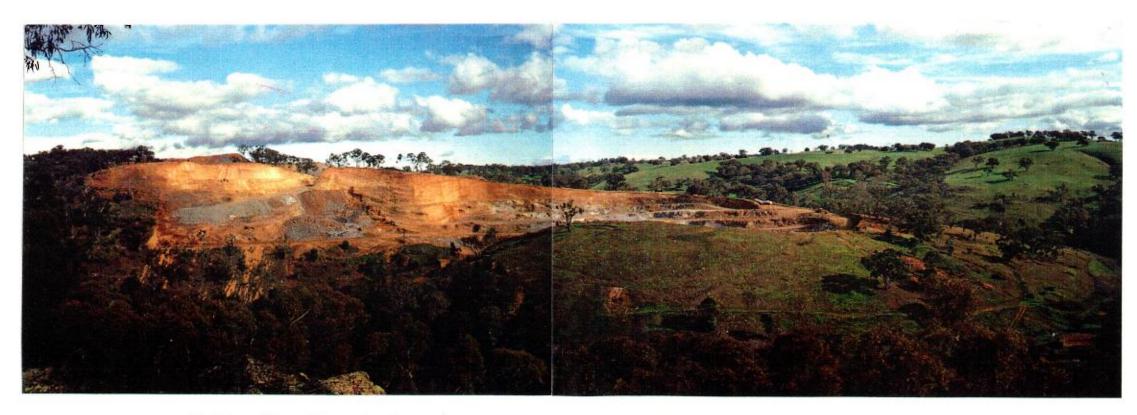


Plate 2: View of the pit looking south from the Junction Reefs recreation reserve. Note tree planting programme on the northern and northwestern slope (white specks are tree seedling guards) (May 1989). (Ref: 127K/21,22)

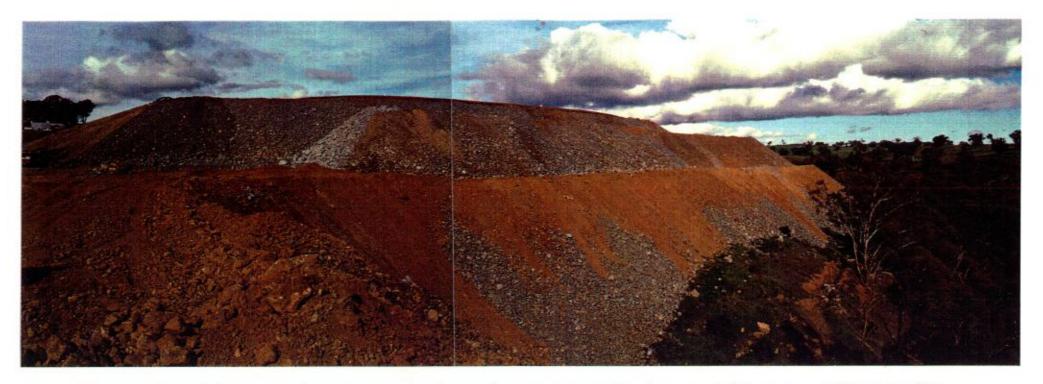


Plate 3: View of the waste rock emplacement looking southeast. Note level 610 m berm, level 624 m berm and final level 635 m (May 1989). (Ref: 127K/19,20)



Plate 4: View of the tailings disposal facility looking southwest from the saddle dam. Waste rock stockpiled for later spreading during rehabilitation, is evident to the north and south (May 1989). (Ref: 127K/5,6,7)



Plate 5: Stable grass cover established on soil stockpile no. 3 south of the pit (May 1989). (Ref: 127K/18)



Plate 6: Good tree and shrub growth along the access to the mine. Planted in Autumn 1988 (May 1989). (Ref: 127K/10)

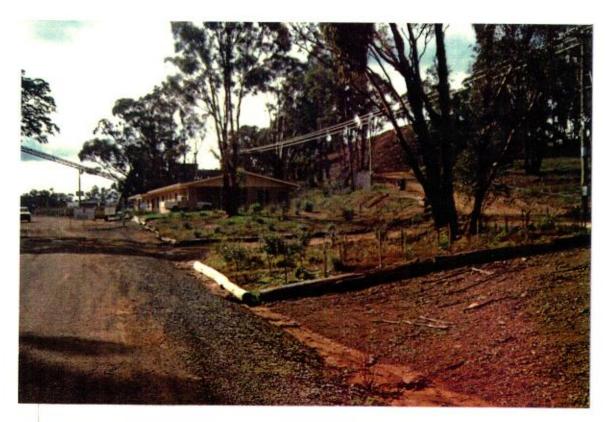


Plate 7: Tree planting and landscaping around the offices and entrance (May 1989). (Ref: 127K/8)



Plate 8: Hydromulching (native shrub seed and wood pulp) trial on exposed waste rock batter (April 1989). (Ref: 127J/18)

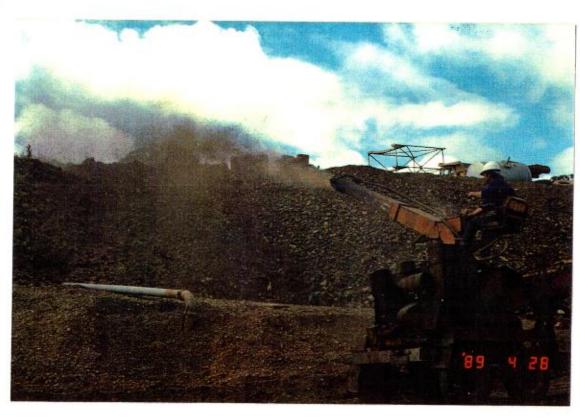


Plate 9: Hydromulching (straw and grass seed) trial on exposed waste rock batter (April 1989). (Ref: 127J/21)

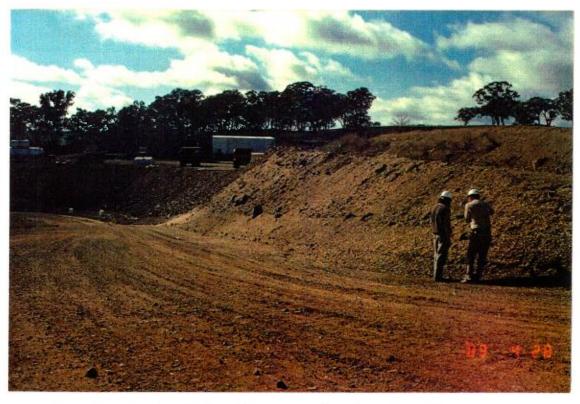
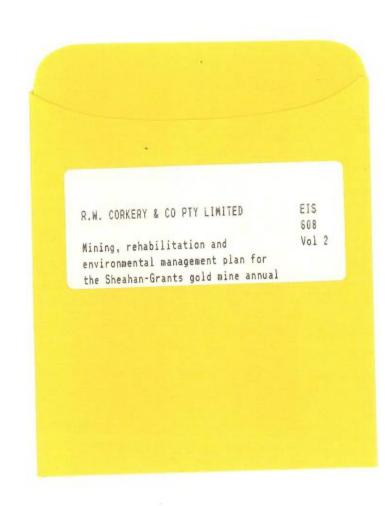


Plate 10: Hydromulching trials were undertaken using either native shrubs or grasses on the more visually exposed waste rock batters (April 1989). (Ref: 127J/10)

R.W. CORKERY & CO PTY LIMITED FIS 608 Mining, rehabilitation and Vol 2 environmental management plan for the Sheahan-Grants gold mine annual Rorrower's name Date EX

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