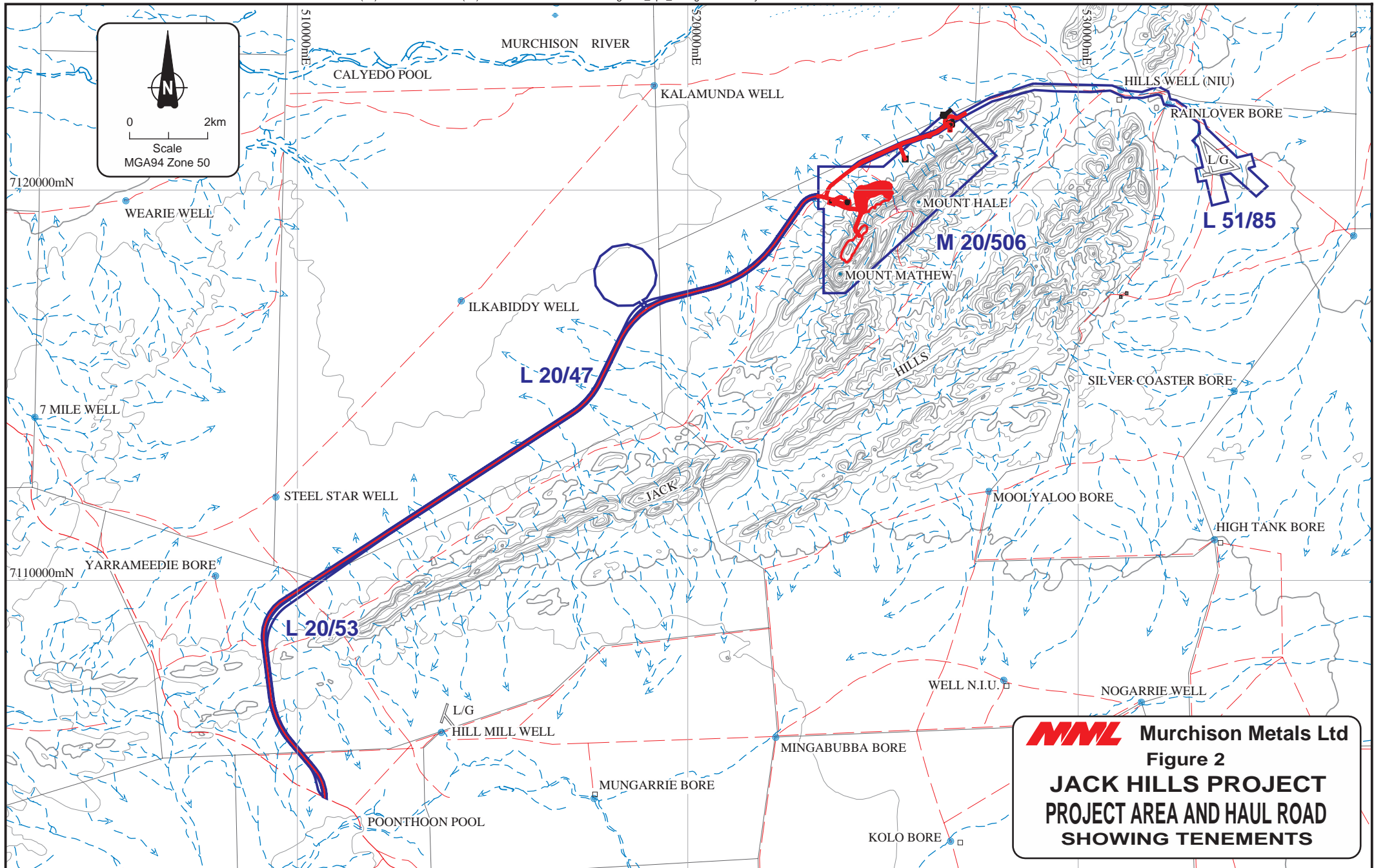



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 e-mail: info@martinick.com.au

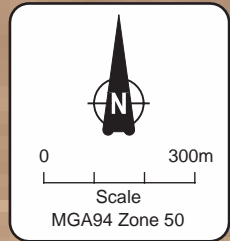
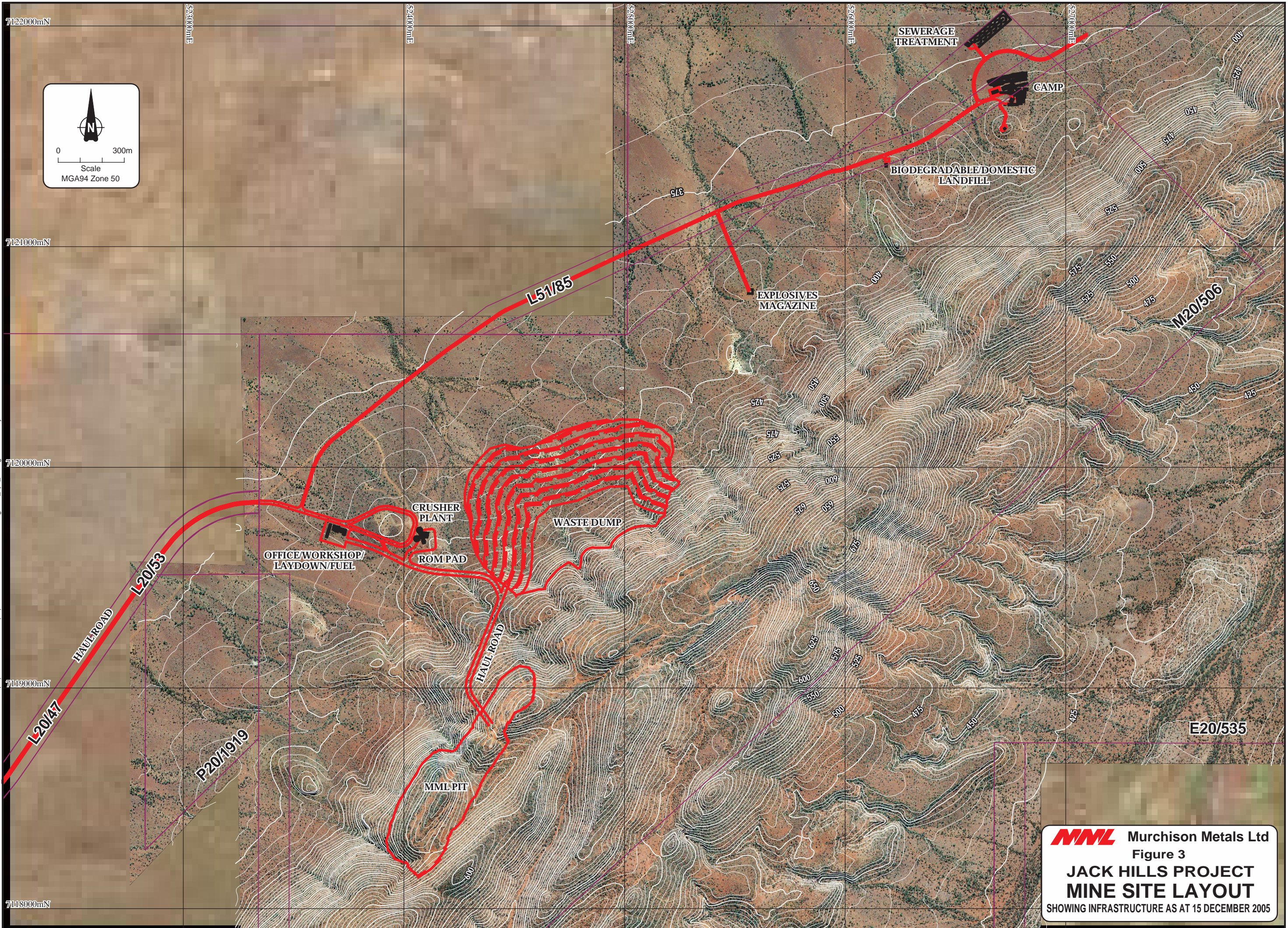
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 Kilometers

Murchison Metals
Jack Hills Project

Location Plan
Figure 1

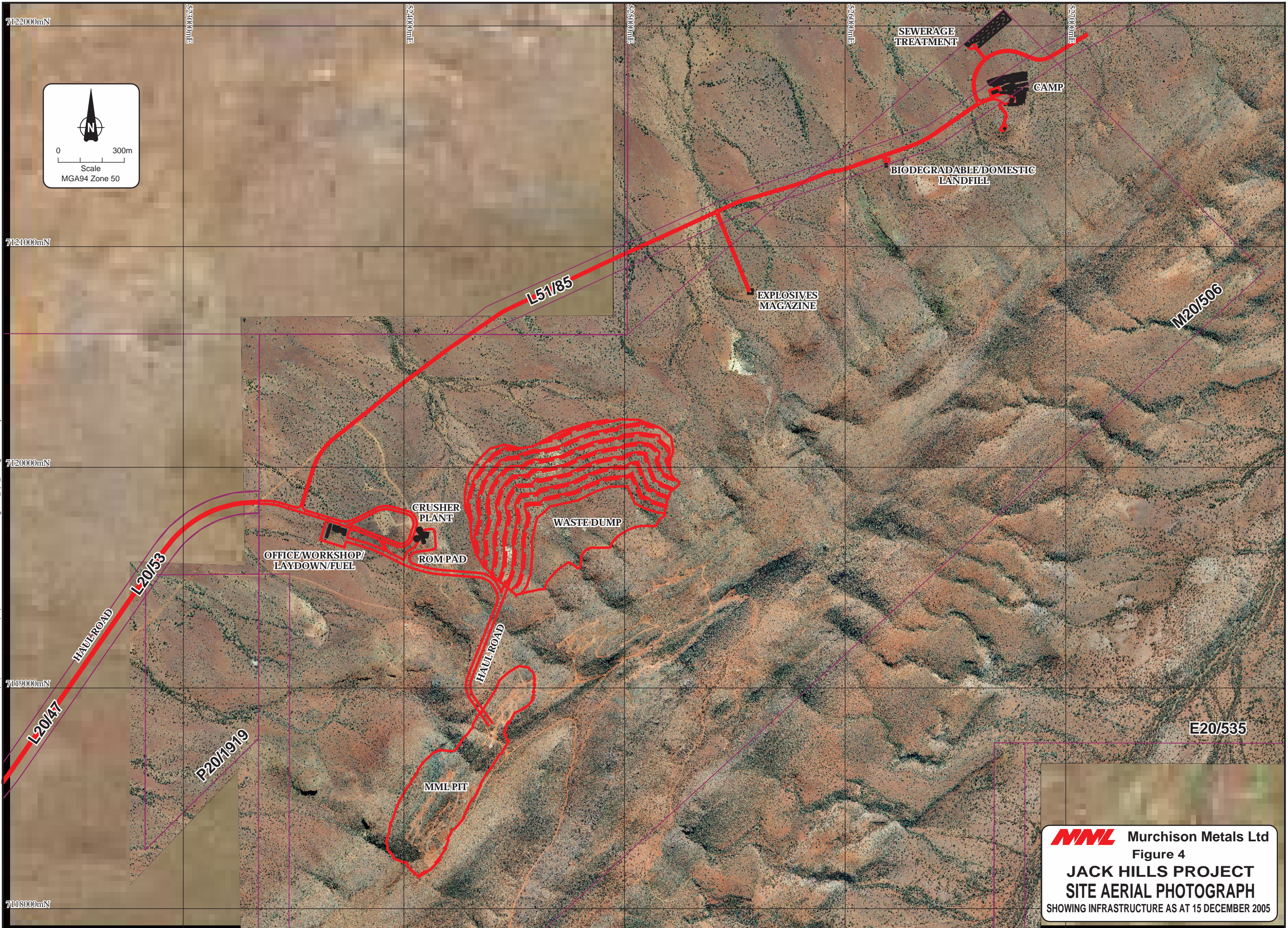


MML Murchison Metals Ltd
Figure 2
JACK HILLS PROJECT
PROJECT AREA AND HAUL ROAD
SHOWING TENEMENTS



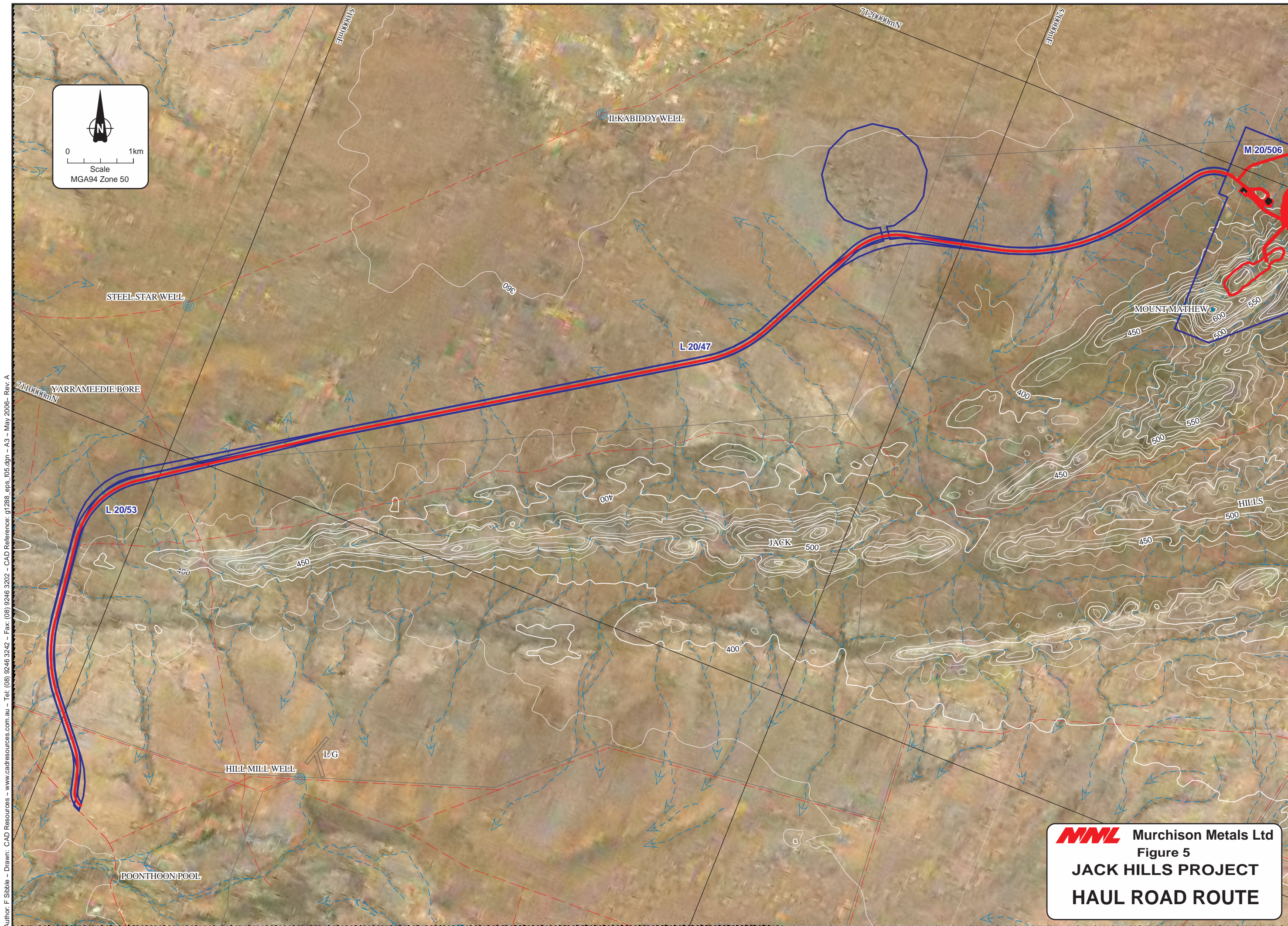
Author: F Sibble - Drawn: CAD Resources - www.cadresources.com.au - Tel: (08) 9246 3242 - Fax: (08) 9246 3202 - CAD Reference: g1288_eps_103.dgn - A3 - May 2006 - Rev. A

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 Figure 3
JACK HILLS PROJECT
MINE SITE LAYOUT
 SHOWING INFRASTRUCTURE AS AT 15 DECEMBER 2005



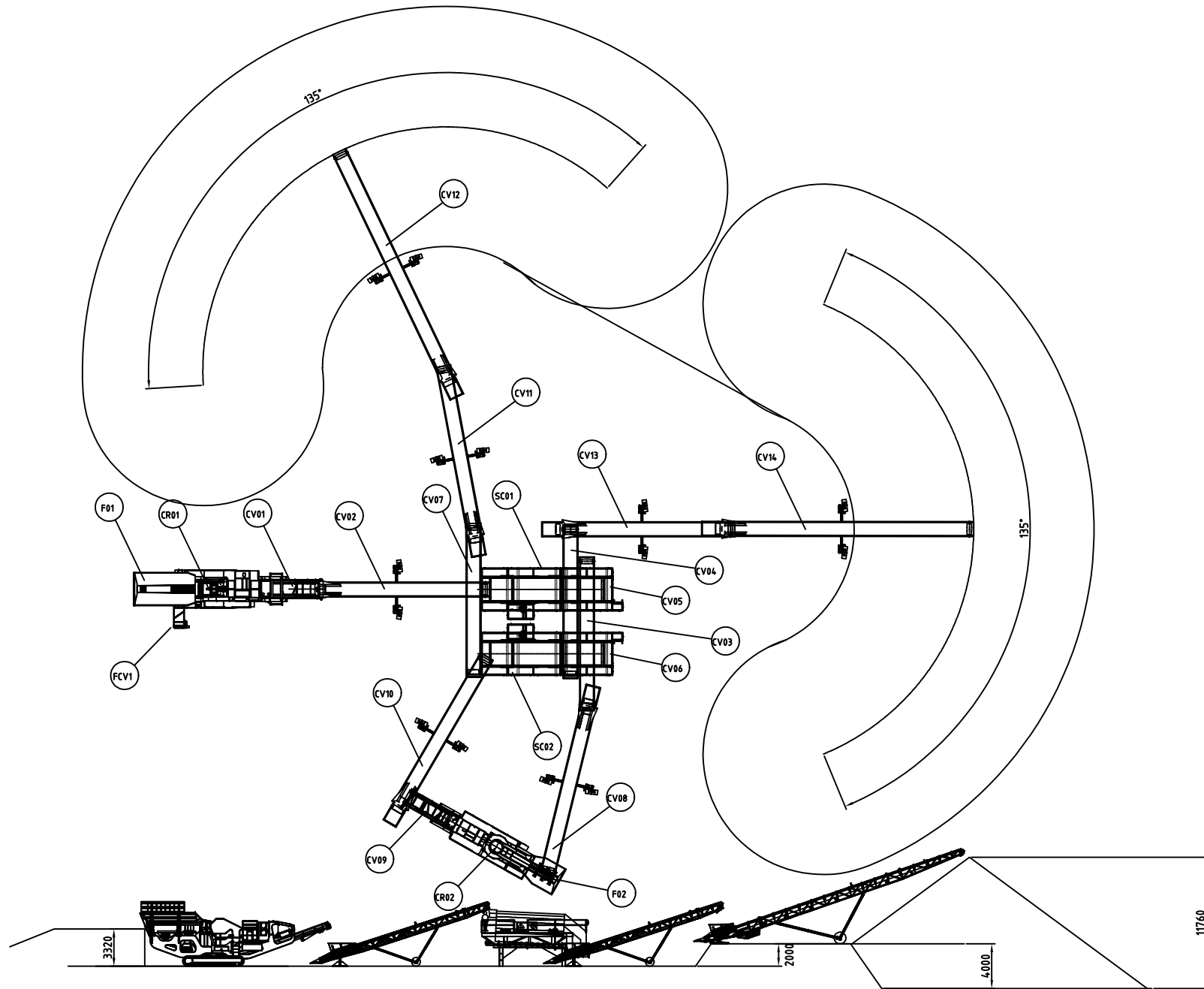
Author: F. Sibble - Drawn: CAD Resources - www.cadresources.com.au - Tel: (08) 9246 3242 - Fax: (08) 9246 3202 - CAD Reference: g1288_eps_104.dgn - A3 - May 2006 - Rev. A

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 Figure 4
JACK HILLS PROJECT
SITE AERIAL PHOTOGRAPH
 SHOWING INFRASTRUCTURE AS AT 15 DECEMBER 2005



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 Figure 5
JACK HILLS PROJECT
HAUL ROAD ROUTE



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UNTOLERANCED DIMENSIONS OF	NOMINAL DIMENSION RANGE & TOLERANCES U.S.O.			
	120	315	1000	ABOVE
OVER				
UP TO	120	315	1000	ABOVE
MACHINING	±0.3	±0.5	±0.8	±1.2
FABRICATION	±1.0	±1.2	±2.0	±3.0
WELDED ASSEMBLY	±1.5	±2.0	±3.0	±4.0

SPECIFICATIONS FOR WELDING U.N.O.				
MAT. THK.	0mm-3mm	3mm-8mm	8mm-12mm	12mm & OVER
WELD SIZE/TYPE	3mm FILLET	6mm FILLET	8mm FILLET	min. 12mm fillet

REV.	BY	DATE	REVISION
3	IW	9-3-06	ITEM #'S ADDED
2	CP	2-3-06	CONTINGENCY SCREEN ADDED
1	MC	2-2-06	EXTRA CONV'S ADDED
0	CP	8-8-05	ORIGINAL ISSUE

GEOMETRIC SYMBOLS, DIMENSIONING, MACHINING AND SURFACE FINISH SYMBOLS TO A.S.1100, PART 201-1984.

THIRD ANGLE PROJECTION

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SCALE	
DESIGNED	CP
DESIGN APPROVED	
DATE	
DRAWN	
DATE	0-05
CHECKED	QMS

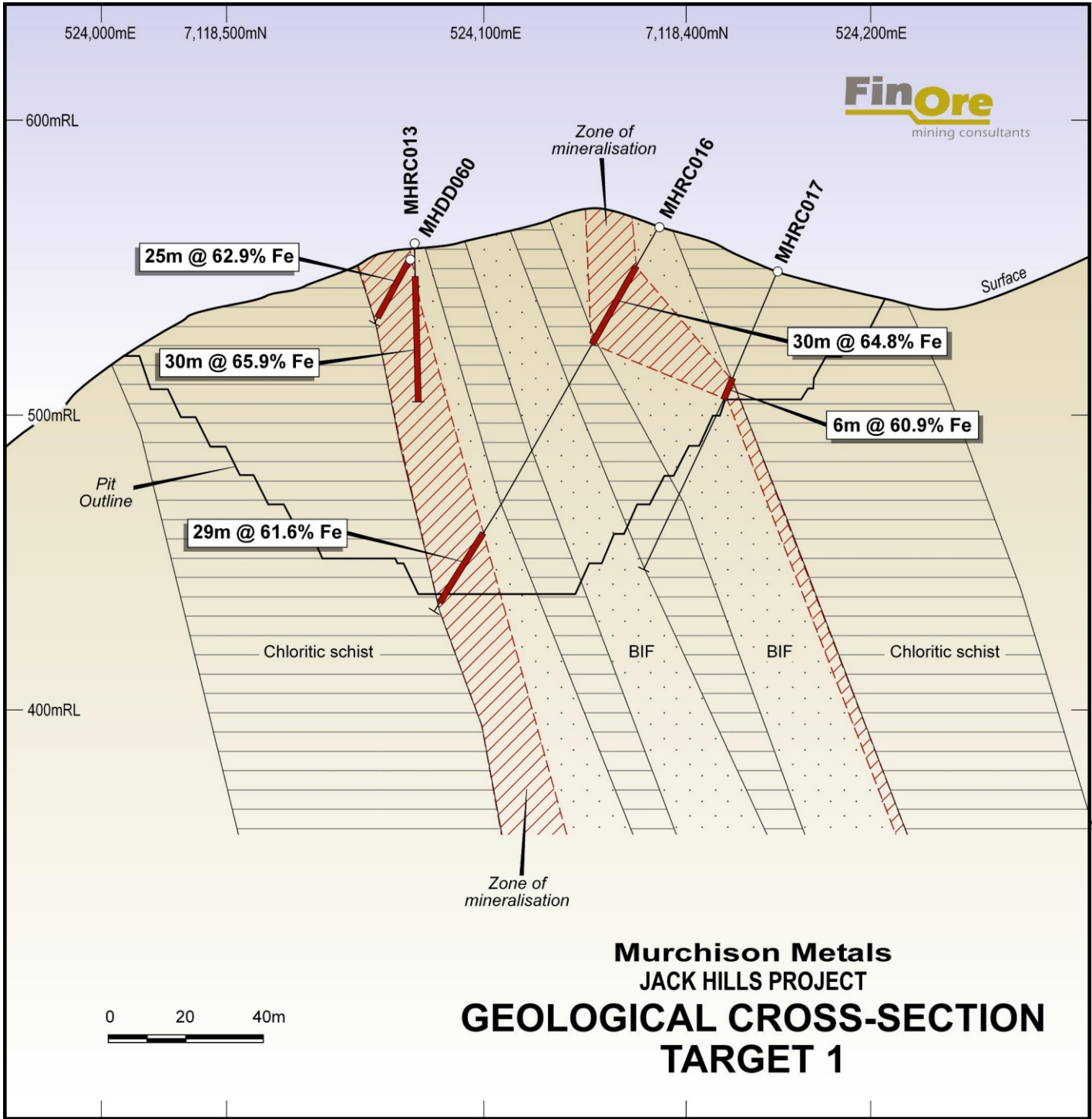
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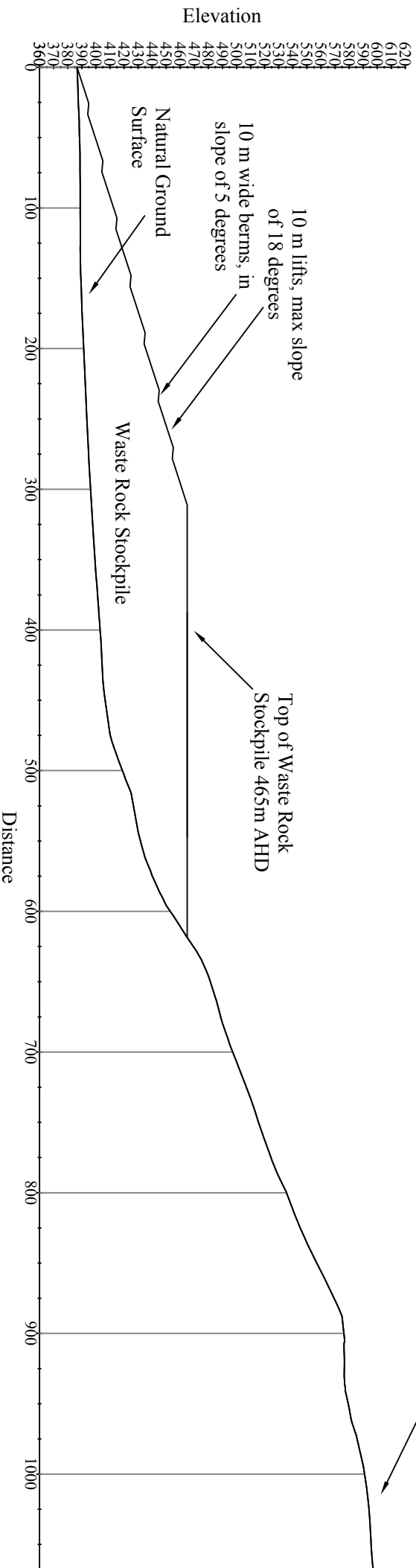
Figure 6
Crushing Plant Layout

DRAWING No. Q1693-00-03

REVISION 3

IF IN DOUBT: DO NOT ASK SCALE





Profile View of Waste Rock Stockpile

Top of Natural Ridge 600m AHD

Top of Waste Rock Stockpile 465m AHD



Environmental + Water
Resource Consultants

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West Perth WA 6005

Phone: +618 9226 3166
Facsimile: +618 9226 3177

info@mbsenvironmental.com.au

LEGEND

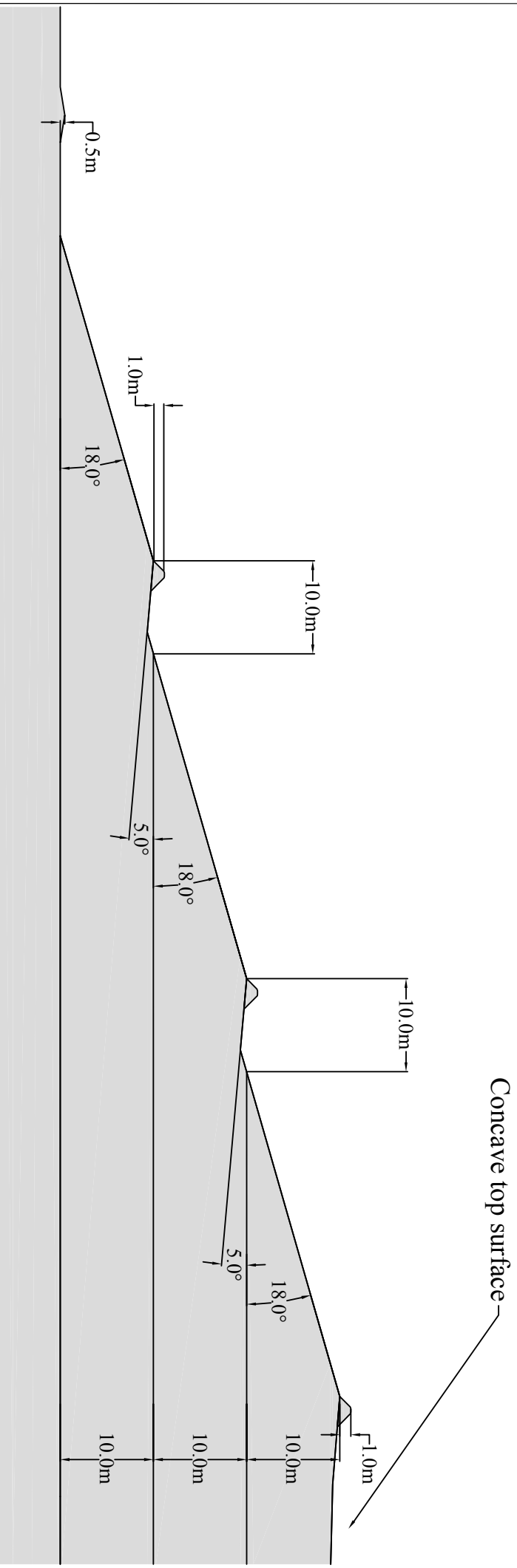
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Murchison Metals Limited
Jack Hills Iron Ore Project

Waste Rock Stockpile
Cross Section

Figure 8



ENVIRONMENTAL + WATER
Resource Consultants

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West Perth WA 6005
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info@mbsenvironmental.com.au

LEGEND

Scale 1:500

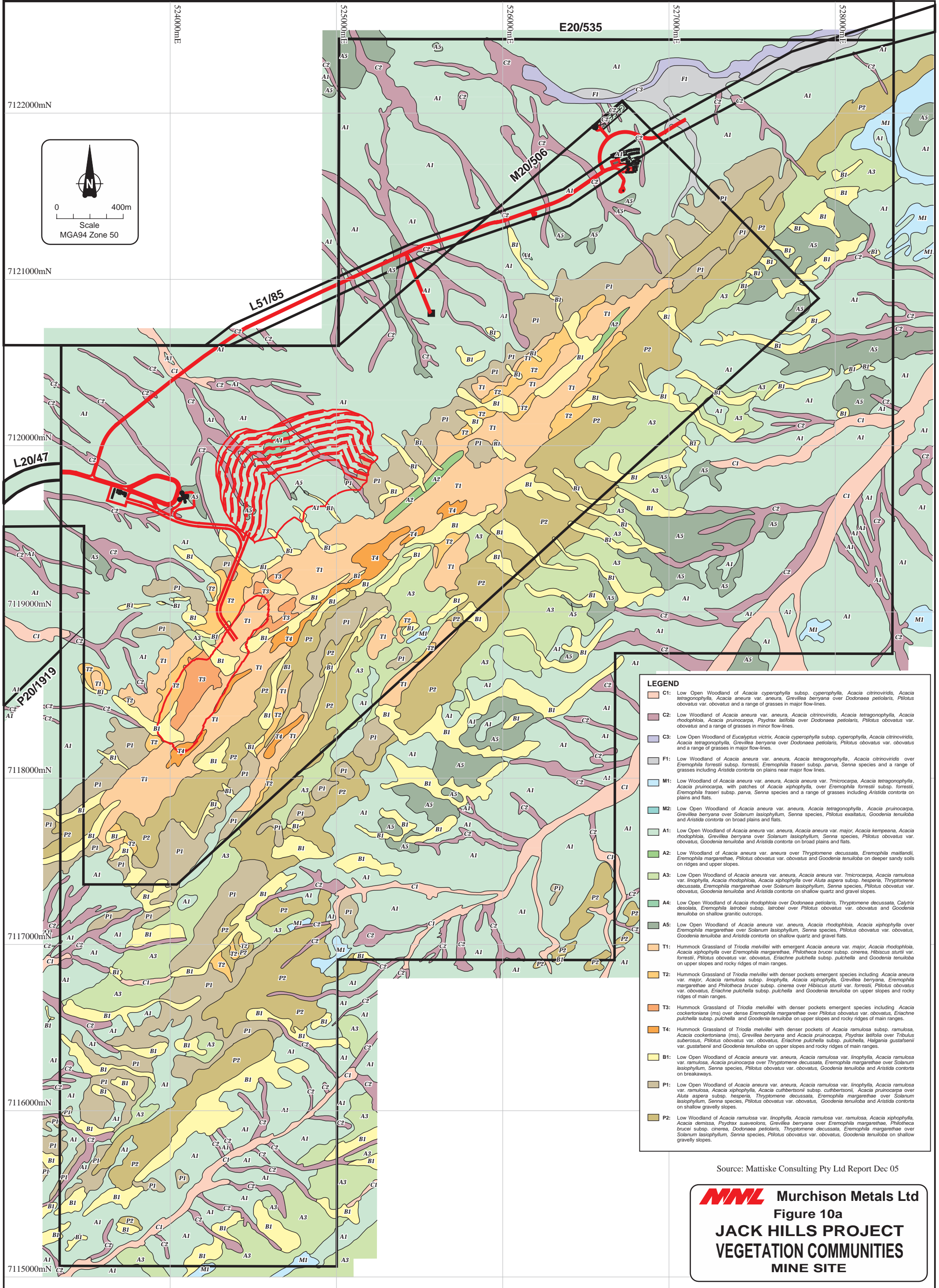


Murchison Metals Limited
Jack Hills Iron Ore Project

Schematic Waste Rock
Stockpile Design Cross
Section

Figure 9



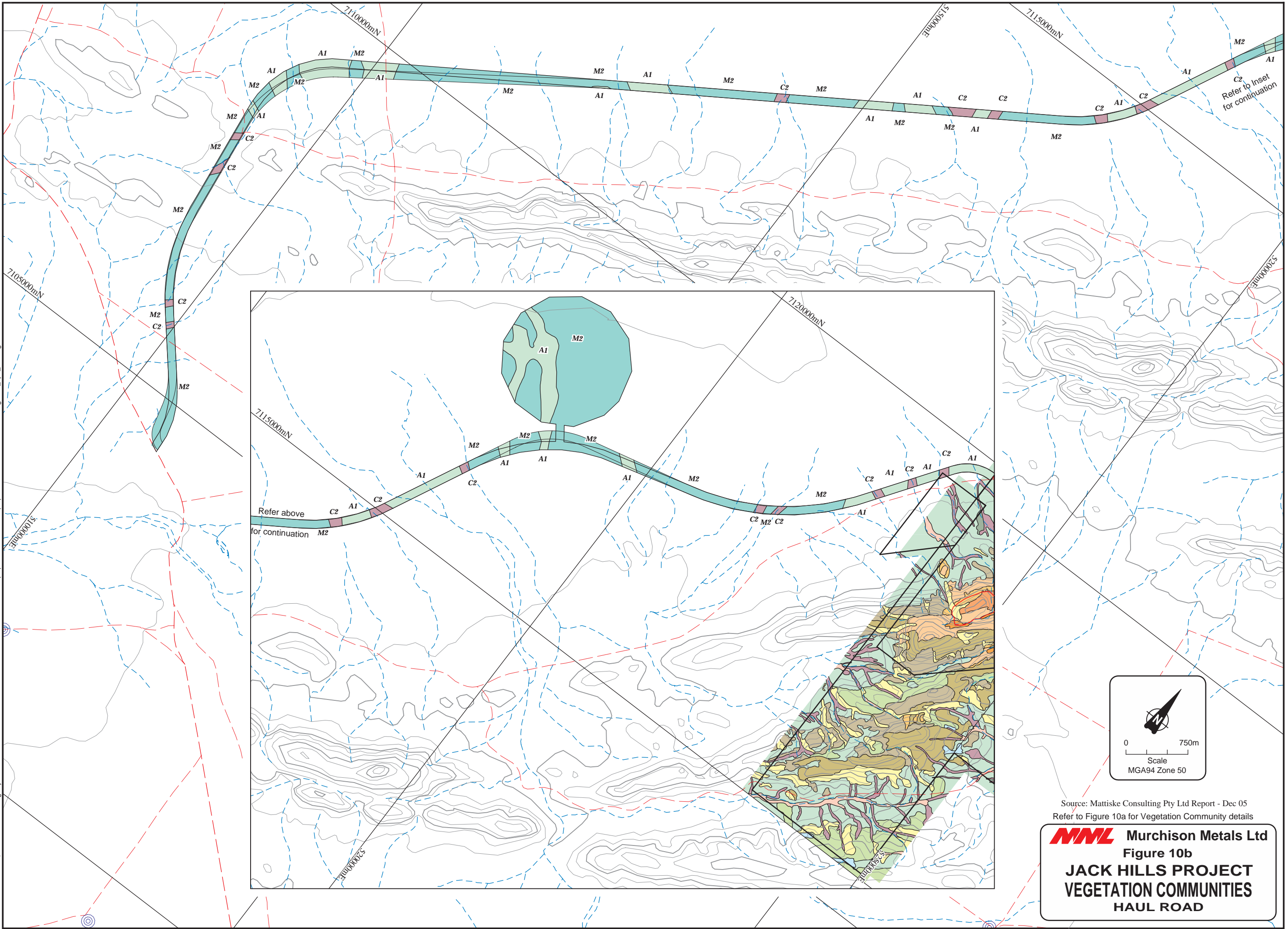


LEGEND

- C1: Low Open Woodland of *Acacia cyperophylla* subsp. *cyperophylla*, *Acacia citrinoviridis*, *Acacia tetragonophylla*, *Acacia aneura* var. *aneura*, *Grevillea beryana* over *Dodonaea petiolaris*, *Ptilotus obovatus* var. *obovatus* and a range of grasses in major flow-lines.
- C2: Low Woodland of *Acacia aneura* var. *aneura*, *Acacia citrinoviridis*, *Acacia tetragonophylla*, *Acacia rhodophylla*, *Acacia pruinocarpa*, *Psyrdrax latifolia* over *Dodonaea petiolaris*, *Ptilotus obovatus* var. *obovatus* and a range of grasses in minor flow-lines.
- C3: Low Open Woodland of *Eucalyptus victrix*, *Acacia cyperophylla* subsp. *cyperophylla*, *Acacia citrinoviridis*, *Acacia tetragonophylla*, *Grevillea beryana* over *Dodonaea petiolaris*, *Ptilotus obovatus* var. *obovatus* and a range of grasses in major flow-lines.
- F1: Low Woodland of *Acacia aneura* var. *aneura*, *Acacia tetragonophylla*, *Acacia citrinoviridis* over *Eremophila forrestii* subsp. *forrestii*, *Eremophila fraseri* subsp. *parva*, *Senna* species and a range of grasses including *Aristida contorta* on plains near major flow lines.
- M1: Low Woodland of *Acacia aneura* var. *aneura*, *Acacia tetragonophylla*, *Acacia pruinocarpa*, with patches of *Acacia xiphophylla*, over *Eremophila forrestii* subsp. *forrestii*, *Eremophila fraseri* subsp. *parva*, *Senna* species and a range of grasses including *Aristida contorta* on plains and flats.
- M2: Low Open Woodland of *Acacia aneura* var. *aneura*, *Acacia tetragonophylla*, *Acacia pruinocarpa*, *Grevillea beryana* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus exaltatus*, *Goodenia tenuiloba* and *Aristida contorta* on broad plains and flats.
- A1: Low Open Woodland of *Acacia aneura* var. *aneura*, *Acacia aneura* var. *major*, *Acacia kempiana*, *Acacia rhodophylla*, *Grevillea beryana* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus obovatus* var. *obovatus*, *Goodenia tenuiloba* and *Aristida contorta* on broad plains and flats.
- A2: Low Woodland of *Acacia aneura* var. *aneura* over *Thryptomene decussata*, *Eremophila mairlandii*, *Eremophila margarethae*, *Ptilotus obovatus* var. *obovatus* and *Goodenia tenuiloba* on deeper sandy soils on ridges and upper slopes.
- A3: Low Open Woodland of *Acacia aneura* var. *aneura*, *Acacia aneura* var. *?microcarpa*, *Acacia ramulosa* var. *linophylla*, *Acacia xiphophylla*, *Acacia xiphophylla* over *Aluta aspera* subsp. *hesperia*, *Thryptomene decussata*, *Eremophila margarethae* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus obovatus* var. *obovatus*, *Goodenia tenuiloba* and *Aristida contorta* on shallow quartz and gravel slopes.
- A4: Low Open Woodland of *Acacia rhodophylla* over *Dodonaea petiolaris*, *Thryptomene decussata*, *Calytrix desoleta*, *Eremophila latrobei* subsp. *latrobei* over *Ptilotus obovatus* var. *obovatus* and *Goodenia tenuiloba* on shallow granitic outcrops.
- A5: Low Open Woodland of *Acacia aneura* var. *aneura*, *Acacia rhodophylla*, *Acacia xiphophylla* over *Eremophila margarethae* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus obovatus* var. *obovatus*, *Goodenia tenuiloba* and *Aristida contorta* on shallow quartz and gravel flats.
- T1: Hummock Grassland of *Triodia melvillei* with emergent *Acacia aneura* var. *major*, *Acacia rhodophylla*, *Acacia xiphophylla* over *Eremophila margarethae*, *Philothea brucei* subsp. *cinerea*, *Hibiscus sturtii* var. *forrestii*, *Ptilotus obovatus* var. *obovatus*, *Eriachne pulchella* subsp. *pulchella* and *Goodenia tenuiloba* on upper slopes and rocky ridges of main ranges.
- T2: Hummock Grassland of *Triodia melvillei* with denser pockets emergent species including *Acacia aneura* var. *major*, *Acacia ramulosa* subsp. *linophylla*, *Acacia xiphophylla*, *Grevillea beryana*, *Eremophila margarethae* and *Philothea brucei* subsp. *cinerea* over *Hibiscus sturtii* var. *forrestii*, *Ptilotus obovatus* var. *obovatus*, *Eriachne pulchella* subsp. *pulchella* and *Goodenia tenuiloba* on upper slopes and rocky ridges of main ranges.
- T3: Hummock Grassland of *Triodia melvillei* with denser pockets emergent species including *Acacia cockertoniana* (ms) over dense *Eremophila margarethae* over *Ptilotus obovatus* var. *obovatus*, *Eriachne pulchella* subsp. *pulchella* and *Goodenia tenuiloba* on upper slopes and rocky ridges of main ranges.
- T4: Hummock Grassland of *Triodia melvillei* with denser pockets of *Acacia ramulosa* subsp. *ramulosa*, *Acacia cockertoniana* (ms), *Grevillea beryana* and *Acacia pruinocarpa*, *Psyrdrax latifolia* over *Tribulus suberosus*, *Ptilotus obovatus* var. *obovatus*, *Eriachne pulchella* subsp. *pulchella*, *Halgania gustafsenii* var. *gustafsenii* and *Goodenia tenuiloba* on upper slopes and rocky ridges of main ranges.
- B1: Low Open Woodland of *Acacia aneura* var. *aneura*, *Acacia ramulosa* var. *linophylla*, *Acacia ramulosa* var. *ramulosa*, *Acacia pruinocarpa* over *Thryptomene decussata*, *Eremophila margarethae* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus obovatus* var. *obovatus*, *Goodenia tenuiloba* and *Aristida contorta* on breakaways.
- P1: Low Open Woodland of *Acacia aneura* var. *aneura*, *Acacia ramulosa* var. *linophylla*, *Acacia ramulosa* var. *ramulosa*, *Acacia xiphophylla*, *Acacia xiphophylla*, *Acacia xiphophylla*, *Acacia xiphophylla* subsp. *cuthbertsonii* subsp. *cuthbertsonii*, *Acacia pruinocarpa* over *Aluta aspera* subsp. *hesperia*, *Thryptomene decussata*, *Eremophila margarethae* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus obovatus* var. *obovatus*, *Goodenia tenuiloba* and *Aristida contorta* on shallow gravelly slopes.
- P2: Low Woodland of *Acacia ramulosa* var. *linophylla*, *Acacia ramulosa* var. *ramulosa*, *Acacia xiphophylla*, *Acacia demissa*, *Psyrdrax suaveolens*, *Grevillea beryana* over *Eremophila margarethae* over *Solanum lasiophyllum*, *Senna* species, *Ptilotus obovatus* var. *obovatus*, *Goodenia tenuiloba* on shallow gravelly slopes.

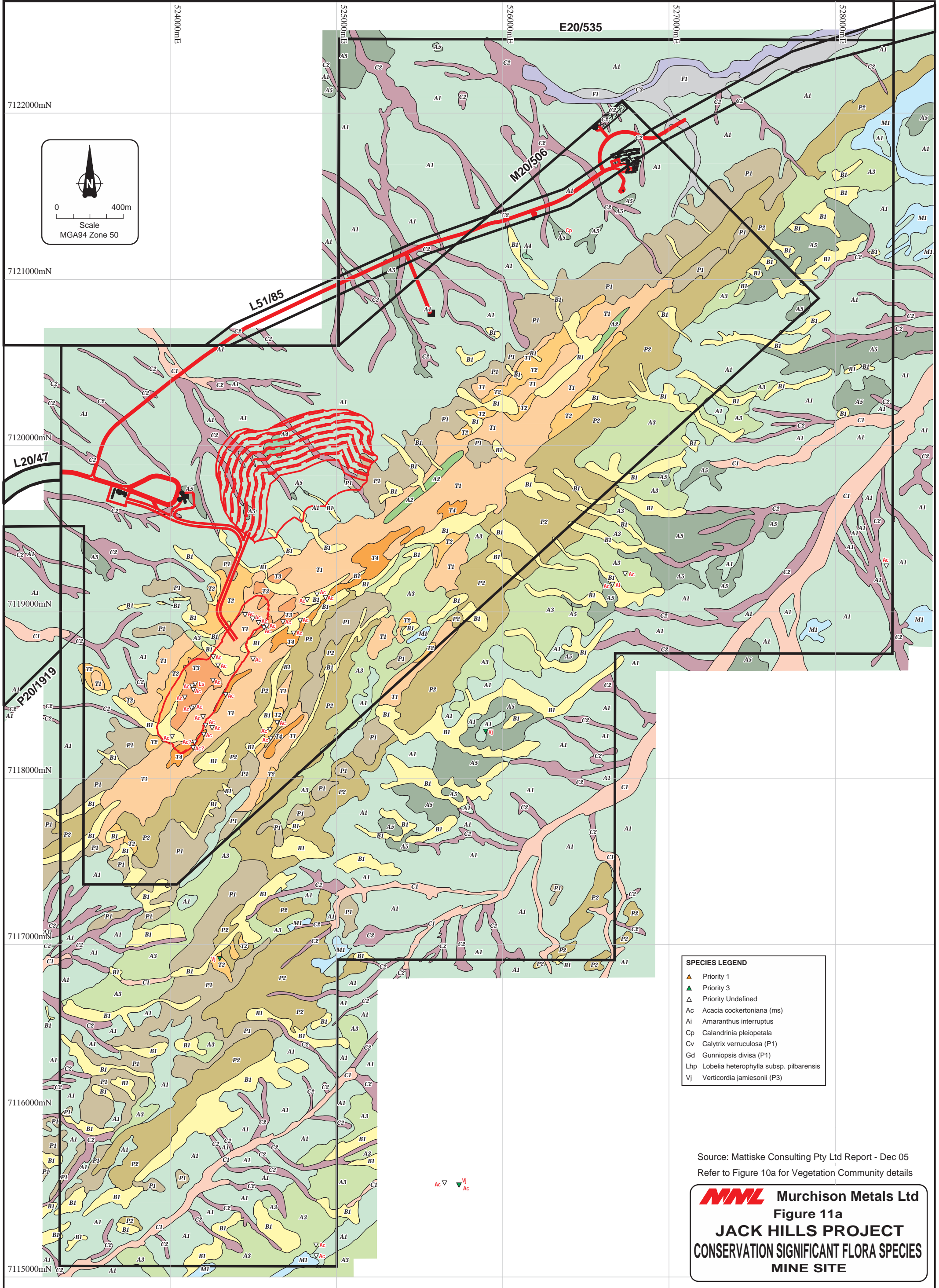
Source: Mattiske Consulting Pty Ltd Report Dec 05

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Figure 10a
JACK HILLS PROJECT
VEGETATION COMMUNITIES
MINE SITE



Source: Mattiske Consulting Pty Ltd Report - Dec 05
Refer to Figure 10a for Vegetation Community details

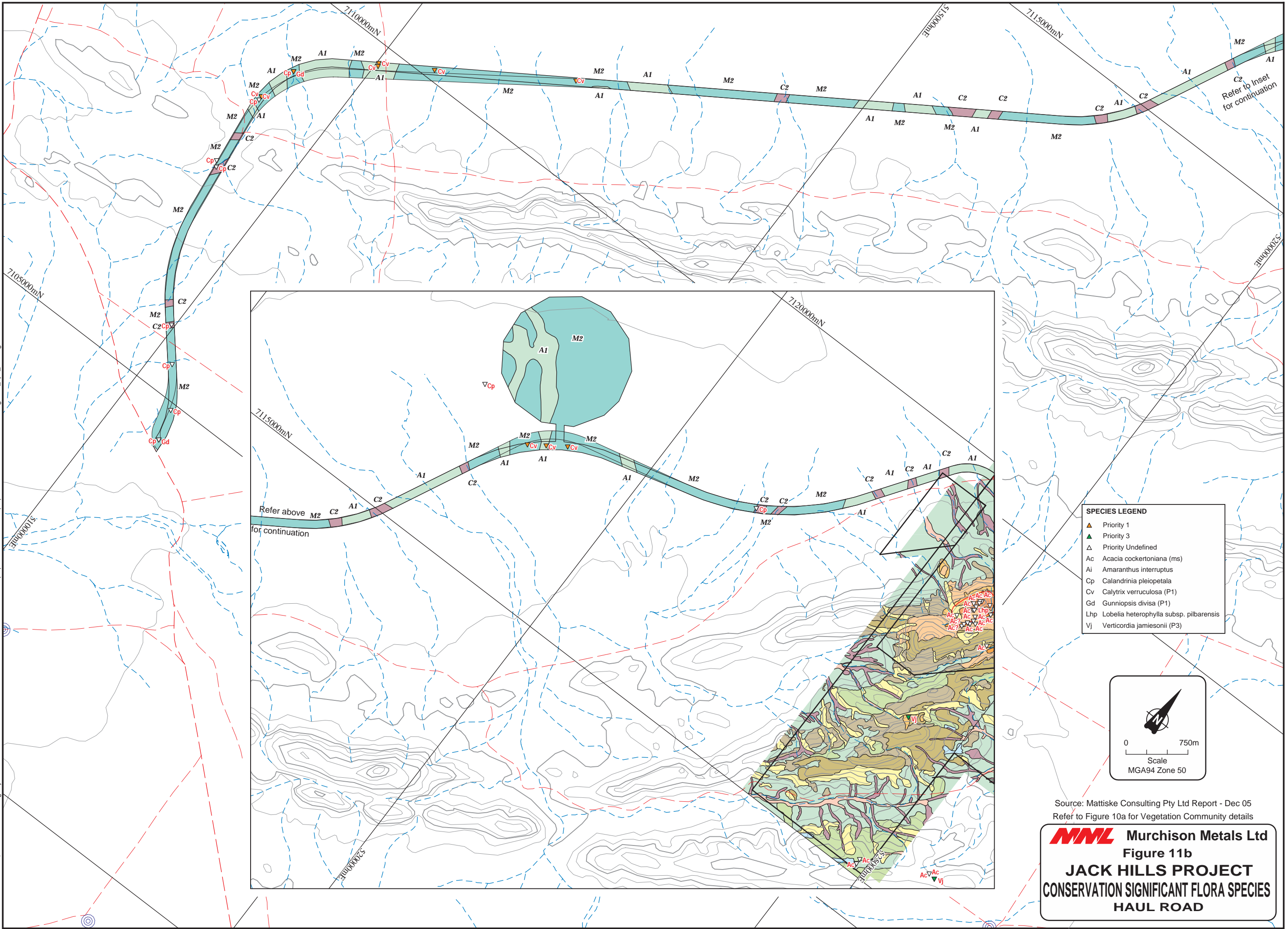
MML Murchison Metals Ltd
Figure 10b
JACK HILLS PROJECT
VEGETATION COMMUNITIES
HAUL ROAD



SPECIES LEGEND	
▲	Priority 1
▲	Priority 3
△	Priority Undefined
Ac	Acacia cockertoniana (ms)
Ai	Amaranthus interruptus
Cp	Calandrinia pleiopetala
Cv	Calytrix verruculosa (P1)
Gd	Gunniopsis divisa (P1)
Lhp	Lobelia heterophylla subsp. pilbarensis
Vj	Verticordia jamiesonii (P3)

Source: Mattiske Consulting Pty Ltd Report - Dec 05
Refer to Figure 10a for Vegetation Community details

MML Murchison Metals Ltd
Figure 11a
JACK HILLS PROJECT
CONSERVATION SIGNIFICANT FLORA SPECIES
MINE SITE

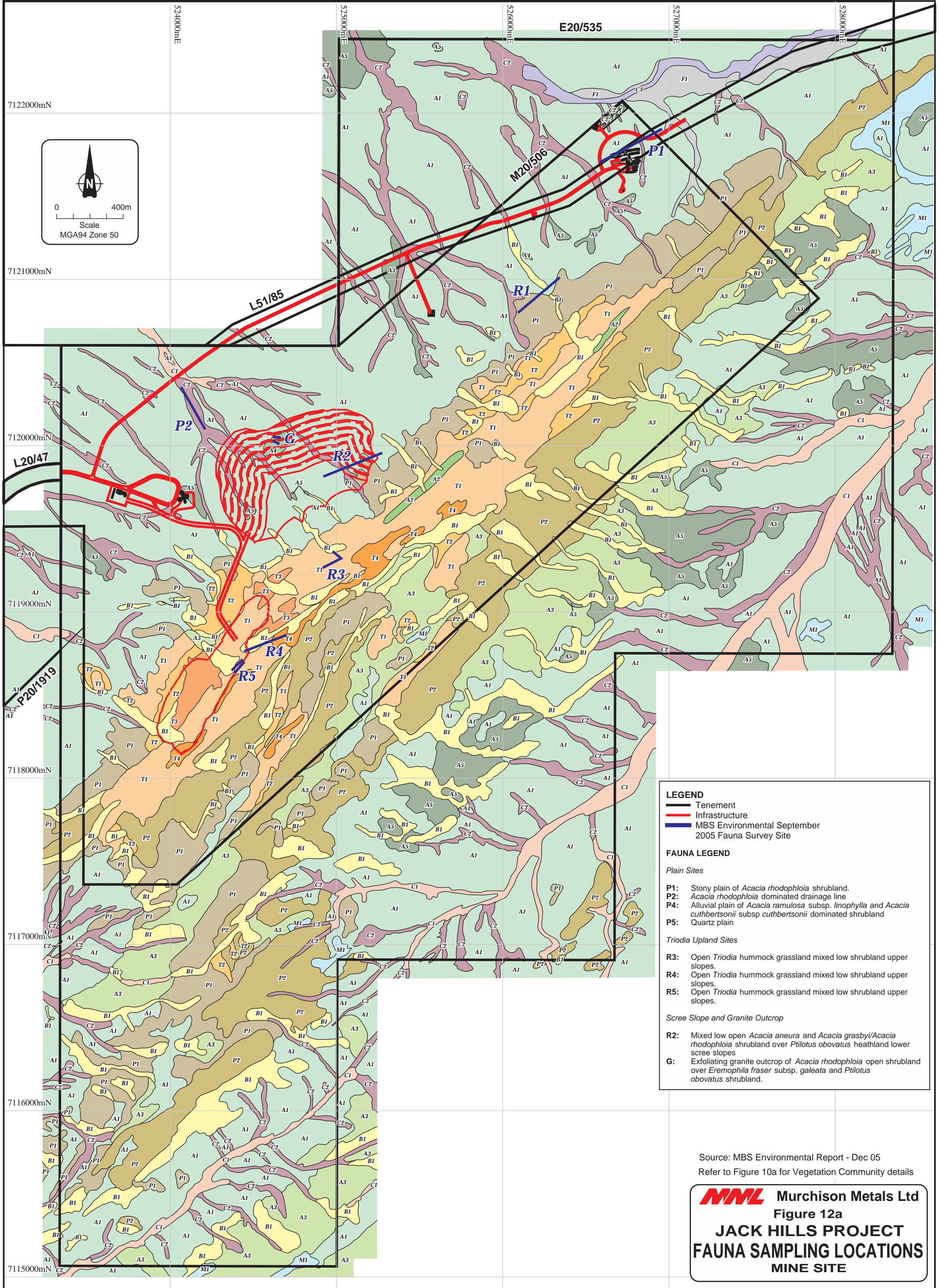


SPECIES LEGEND

▲	Priority 1
▲	Priority 3
△	Priority Undefined
Ac	Acacia cockertoniana (ms)
Ai	Amaranthus interruptus
Cp	Calandrinia pleiopetala
Cv	Calytrix verruculosa (P1)
Gd	Gunniopsis divisa (P1)
Lhp	Lobelia heterophylla subsp. pilbarensis
Vj	Verticordia jamiesonii (P3)

Source: Mattiske Consulting Pty Ltd Report - Dec 05
 Refer to Figure 10a for Vegetation Community details

MML Murchison Metals Ltd
Figure 11b
JACK HILLS PROJECT
CONSERVATION SIGNIFICANT FLORA SPECIES
HAUL ROAD



LEGEND

- Tenement
- Infrastructure
- MBS Environmental September 2005 Fauna Survey Site

FAUNA LEGEND

Plain Sites

- P1:** Stony plain of *Acacia rhodophloia* shrubland.
- P2:** *Acacia rhodophloia* dominated drainage line
- P4:** Alluvial plain of *Acacia ramulosa* subsp. *linophylla* and *Acacia cuthbertsonii* subsp. *cuthbertsonii* dominated shrubland
- P5:** Quartz plain

Triodia Upland Sites

- R3:** Open *Triodia* hummock grassland mixed low shrubland upper slopes.
- R4:** Open *Triodia* hummock grassland mixed low shrubland upper slopes.
- R5:** Open *Triodia* hummock grassland mixed low shrubland upper slopes.

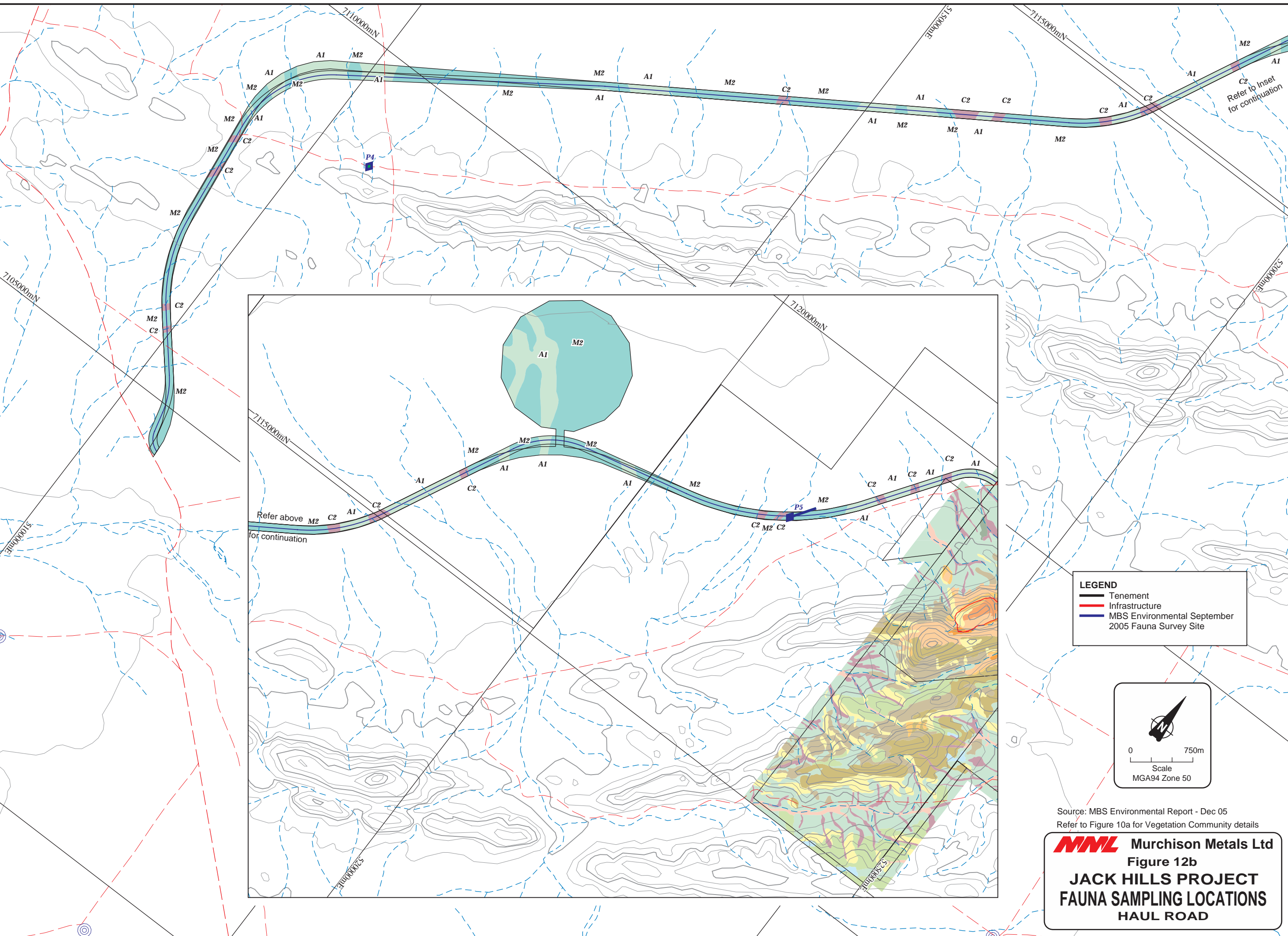
Scree Slope and Granite Outcrop

- R2:** Mixed low open *Acacia aneura* and *Acacia grasbyi*/*Acacia rhodophloia* shrubland over *Ptilotus obovatus* heathland lower scree slopes
- G:** Exfoliating granite outcrop of *Acacia rhodophloia* open shrubland over *Eremophila fraser* subsp. *galeata* and *Ptilotus obovatus* shrubland.

Source: MBS Environmental Report - Dec 05
Refer to Figure 10a for Vegetation Community details

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Figure 12a
JACK HILLS PROJECT
FAUNA SAMPLING LOCATIONS
MINE SITE

Author: Dr E M Mattiske, Mattiske Consulting Pty Ltd - Drawn: CAD Resources - www.cadresources.com.au - Tel: (08) 9246 3242 - Fax: (08) 9246 3202 - CAD Reference: gf1288_eps_112b.dgn - A3 - May 2006 - Rev. A



LEGEND

- Tenement
- Infrastructure
- MBS Environmental September 2005 Fauna Survey Site

0 750m
Scale
MGA94 Zone 50

Source: MBS Environmental Report - Dec 05
Refer to Figure 10a for Vegetation Community details

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Figure 12b
JACK HILLS PROJECT
FAUNA SAMPLING LOCATIONS
HAUL ROAD