

**DETRIMENT REVIEW:
FINNISS RIVER LAND CLAIM NO. 39**

AND

MATARANKA AREA LAND CLAIM NO. 69

**UPDATED DETRIMENT AND PROPOSED PATTERNS OF LAND USAGE INFORMATION ON BEHALF OF
THE NORTHERN TERRITORY OF AUSTRALIA FOR CONSIDERATION BY THE ABORIGINAL LAND COMMISSIONER**

Key

NTP = NT Portion No.

CLP = Crown Lease in Perpetuity

PPL = Perpetual Pastoral Lease

VCL = VCL

ALT = Aboriginal Land Trust land held under the *Aboriginal Land Rights (Northern Territory) Act 1976 (Cth) (ALRA)*

Table 1: Finnis River Land Claim No. 39: REPORT No. 9 of former Aboriginal Land Commissioner Toohey

The outstanding claim area from this claim comprises part of Area 4 of the claim as lodged in LC 39 and is now defined as Section 2968, Hundred of Goyder (Rum Jungle). This area remains outstanding as LC 39 over the area has not yet finally been disposed of, relevantly, by way of withdrawal (see s67A(5)(a) ALRA), grant as Aboriginal land (see s67A(5)(b) ALRA), or by decision of the Federal Minister that the area should not be granted (see s67A(5)(d) ALRA).

Item	Toohey J detriment findings	Additional/new detriment information
1.	Mining Detriment: Refer Report no, 9, at paragraphs 307-310.	The Northern Territory Department of Primary Industry and Resources (DPIR) was established by the NT Government on 12 September 2016. DPIR brings together many of the key functions that drive economic development in the Northern Territory including on land, over coastal areas and inland waterways. Its business sectors are mines and energy, fisheries and product integrity, primary industry development and the NT Geological Survey. DPIR advise: PART 1: MINING

		<p>a. Details of current granted minerals tenures within and/or surrounding Section 2968 Hundred of Goyder is included in spreadsheet marked as Attachment 1. The claim area affects most of ELR 146, ELs 27560, 27559, and part of EL 27007 and 27562. The claim area also affects parts of MLN 140, 142 and 150. These mineral tenures are also depicted on the map depicting minerals tenure in LC 39 area marked as Attachment 2.</p> <p><u>Exploration Licences</u></p> <p>b. Exploration Licences ('ELs') allow the holders of this type of title to conduct exploration activities in connection with minerals, including occupying the title area, drilling, trenches, holes, sinking bores and tunnels, extracting and removing samples of ore and other substances in amounts reasonably necessary for evaluation from the title area.</p> <p><u>Exploration Licence in Retention (ELR)</u></p> <p>c. An ELR is a minerals tenure that is an exploration licence area in retention which means that the area contains a significant recognised resource but considered not yet commercially viable. The holder of an ELR has a right to apply for a mineral lease.</p> <p>d. As regards ELR 146, in the event of the grant of the claim area as Aboriginal land, the title holders would need to comply with additional processes for approval namely the processes in Part IV ALRA if they wish to convert ELR 146 to a mineral lease instead of the less onerous requirements under the Right to Negotiate (Subdivision P, Division 3, Part 2) in the <i>Native Title Act</i> (Cth) if the land were to remain as vacant Crown land. This would involve the need to negotiate an agreement under s46 ALRA with the Land Council as to the terms and conditions of the mining interest and would also require consent to negotiate for a mineral lease pursuant to s45(b) ALRA.</p> <p><u>Mineral Leases Northern (MLN)</u></p> <p>e. If Section 2968 were to become Aboriginal land, the holders of MLN 142, 146 and 150 their mineral leases would be able to continue to operate given they would be existing mineral leases and would be exempted from compliance with Part IV ALRA processes including for any renewal given it is not "the granting of a mining interest" within the meaning of Part IV ALRA (refer s3(4) ALRA).</p> <p><u>Rehabilitation of Rum Jungle Mine site</u></p> <p>f. Section 2968 is currently causing elevated concentrations of some heavy metals in the waters of the Finnis River. These concentrations are the result of historical mining activities, in particular stored waste materials which produce acid and metalliferous drainage (AMD). Historical rehabilitation works were completed from 1983 to 1986, with 12 years post-rehabilitation monitoring activities undertaken until 1998. These rehabilitation works were completed in partnership with the Commonwealth and post-rehabilitation land access (use) was restricted to maintain rehabilitation integrity.</p> <p>g. Despite significant improvements in water quality and landform stability, the previous rehabilitation works have since deteriorated and do not meet contemporary rehabilitation standards. As a result, the Australian and NT Governments entered into a stage 1 National Partnership Agreement in 2009 (\$7.048 million), a stage 2 Project Agreement in 2013 (\$11.561 million), and a stage 2A Project Agreement in 2017 (\$10.048) to progress rehabilitation designs. Proposed Stage 3 implementation is subject to funding and government decisions. Should Stage 3 implementation works be completed, it is proposed to access the rehabilitated areas for maintenance and monitoring for approximately 20 years post rehabilitation. Similarly, to the 1980s rehabilitation works, restricted land use to maintain rehabilitation integrity is likely to be required.</p>
--	--	--

		<p>h. With regards to detriment associated with the Finnis River Land Claim, the Northern Land Council advised, in its evidence to the Senate Inquiry into rehabilitation of mining and resources projects as it relates to Commonwealth responsibilities, that its statutory functions do not extend to being a receiving entity to manage any future transfer of risk and costs to landholders arising from a rehabilitated or closed site. That is, once land was rehabilitated, the Northern Land Council (NLC) was reluctant to accept ownership of the land due to inherent liabilities, resulting in the Land Claim not yet being resolved as expected.</p> <p>i. Based on the above, especially resolution of responsibility and liability between parties, suggested options which may potentially assist with resolving the Land Claim include full rehabilitation and ongoing monitoring and maintenance arrangements for the mine site.</p> <p>PART 2: PETROLEUM</p> <p>j. There are no granted petroleum titles or applications over Land Claim 39.</p> <p>k. Petroleum Reserved Block (PRB) is situated on the northern border of Finnis River Land Claim LC 39: see map depicting the PRB including Section 2968 at Attachment 3. The PRB was declared on 12 January 2017 over Manton Dam, Darwin River Dam and the Adelaide River Off-stream Water Storage area. A PRB prevents the exploration for, or production of, petroleum under section 9 of the <i>Petroleum Act</i> (NT).</p> <p>l. The NT Geological Survey advises that the Finnis land claim has zero potential as it underlain by basement geology of the Pine Creek Orogen.</p>
2.	Per [348] Report 9:	<p>The Department of Infrastructure, Planning and Logistics (DIPL) was established by the NT Government on 12 September 2016. The government created the Department to bring together many of the key functions that drive land use, infrastructure and transport. These include the development, planning, construction and maintenance of government infrastructure and roads, and transport safety, policy, strategy and compliance, DIPL have advised as follows.</p> <p>Transport Concerns</p> <p>a. Rum Jungle Road (RIMS ID 316) which commences from the Batchelor Road intersection through Section 2968 is 8.41 km in length with a 100m wide nominated road reserve. Section A of this road measuring 6.61 km running north from Batchelor Road intersection is managed by the NT Government Road Authority. Section B of the road from Litchfield Park Road intersection to Section 2968 is under care, control and management of the Local Government. Attached as Attachment 4 is a copy of an ILIS map depicting Sections A and B of the Road in the region. Attached and marked Attachments 5, 6, 7 and 8 respectively are survey plans S91/212, S92/238B, S92/288, and S2006/72.</p> <p>b. There is an unmaintained and unconstructed road with a 20.12 m wide road reserve which runs east west along the southern boundary of Sections 1104, 1111, and 2944 Hundred of Goyder which abuts the northern boundary of Section 2968: refer Attachments 5 (Survey Plan S91/212) and 7 (Survey Plan S92/288) referred to above.</p> <p>c. The above mentioned roads are roads over which the public has a right of way and should therefore be excluded from grant pursuant to s12(3) ALRA.</p>

		<p>d. In the alternative, it is submitted that s14 ALRA would apply to the Rum Jungle Road and any rent payable for maintenance of such road would need to be determined by the Minister pursuant to s15 ALRA on the basis that these roads are not for a community purpose within the meaning of s15(1) ALRA.</p>
3.	Per [376] Report 9 re Rum Jungle South Lake and Road into reserve	<p>The Department of Tourism and Culture (DTC) was established by the NT Government on 12 September 2016. It is comprised of an amalgamation of the previous Department of Sport and Recreation, Arts and Museum, Parks and Wildlife and Tourism NT as well as the Heritage Division.</p> <p>The DTC advises:</p> <ol style="list-style-type: none"> a. The area of the old Rum Jungle mine does not give rise to any detriment from a tourism perspective however some members of the public infrequently visit the legacy mine site. b. The Department does not occupy, use or intend to use this area, nor does the Department have any assets within, or bordering the area of the claim. c. The Department does not maintain records of use for the area.
4.	See [345]-[346] Report No. 9	<p>Department of Environment and Natural Resources (DENR) was established by the NT Government on 12 September 2016. It comprises many of the key functions arising in relation to protection of the environment and natural resources of the NT including water, land resource and environmental issues. The DENR has divisions comprising Flora and Fauna, Rangelands, Weed management, Bushfires NT, Water Resources, Water data portal and Environment.</p> <p>DENR advise as follows.</p> <p>Part 1: Water Resources</p> <ol style="list-style-type: none"> a. DENR's water database identifies 140 bores and 6 water monitoring sites located on section 2968, Location details are provided on list of groundwater bores on section 2968 Attachment 9. The bores are depicted on the map marked Attachment 10 and the 6 water monitoring sites are depicted on the map marked Attachment 11. b. Records for groundwater bores indicate drilling commencing in 1944 for water supply to the Army, a total of 15 bores drilled for water (production) between 1944 and 2012. c. 58 investigation bores were drilled between 1970 and 1993 and a further 35 bores drilled for baseline monitoring between 1983 and 2012. d. Records of bore purpose are as per when the bore was drilled and may not reflect current use or state of bore. e. Many of these bores may no longer be serviceable or used for their original purpose, Water Resources is only in possession of information related to current status when informed by the landowner/occupier. f. The bulk of these bores will have been installed in relation to the mining activity. g. Investigation bores are used to identify the source and natural state of ground water aquifer's pre mining or development, observation bores provide operational hydrogeological information on how the aquifer reacts to extraction.

		<p>h. Production Bores are constructed and equipped specifically to supply groundwater. Baseline monitoring bores are usually located and constructed to provide long term data on the state of aquifer, pre, during and post mining or development activity.</p> <p>i. Water Resources does not monitor, maintain or have any ownership of any bores on Section 2968.</p> <p>j. The bulk of the bores will have been drilled by contractors for the mining entity.</p> <p>k. The Division is recognised source of data related to bore locations within the Northern Territory however drilling bores for mining or petroleum activities are exempt from permitting and license requirements of the <i>Water Act</i>, consequently it is highly likely that there are bores on the lease that the Department is not aware of.</p> <p>l. Whilst access to undertake water monitoring duties is provided for under s20(1) and (2) <i>Water Act (NT)</i> it is not currently a function of DENR to undertake groundwater monitoring on existing or legacy mine sites.</p> <p>m. DIPR legacy mines unit or contractors on their behalf may be accessing these bores for rehabilitation monitoring purposes.</p> <p>n. The value of these bores is difficult to determine given the range of drilling depth, age and construction method, drilling replacement bores could be in the order of \$50,000.00 each.</p> <p>o. The 6 surface water monitoring sites were installed between 1983 and 1985, each site maintained for up to 4 years to capture surface water runoff information. The sites were installed and maintained by Water Resources, each containing instruments, to measure stream height, and the generation of stream flow data, key elements in determining and managing the hydrology of the mine lease.</p> <p>p. Water Resources no longer have an interest in surface water monitoring on former or existing mine lease sites. It is unknown whether any of the surface water monitoring infrastructure still exists. Commonly a water monitoring site would consist of a weir across the stream, an instrumentation housing shed and staff gauges. There are no photographs on record of these installations.</p> <p>Part 2: Environment</p> <p>q. LC 39 covers the former Rum Jungle mine site – the rehabilitation of the former Rum Jungle mine site is currently undergoing assessment under the Environmental Assessment Act (EA Act) by way of an Environmental Impact Statement.</p>
5.	Not applicable	<p>The Department of Trade and Business Innovation (DTBI) advise.</p> <p>a. Recreational activities such as four wheel driving, hunting and fishing contribute to the local economy and if access to these areas was restricted this could have a flow on effect for local businesses.</p> <p>b. While it is difficult to predict future needs, it is important that efforts are made to protect future potential investment and economic opportunities and would recommend future agreement include parameters to assist Indigenous business and economic development particularly in, in regional and remote locates in the NT.</p>
CONCLUSION:		

The extent of detriment that may arise in the event of the grant of section 2968 and the effect it may have on proposed patterns of land usage in the as set out in Table 1 above is limited in the context of the greater detriment that arose in the context of the wider claim areas dealt with in Report no. 9.

Attachments to Table 1:

Table 2: Mataranka Area Land Claim No. 69: REPORT No. 29 of former Commissioner Maurice

The outstanding claim area comprises part of what was Area 4 in LC 69 and comprises the portion of the Urapunga Stock Route, comprising Northern Territory Portion (NTP) 2193 and NTP 1718 (which traversed the former Roper River Station). These areas remain outstanding as LC 69 over the parcels has not yet finally been disposed of, relevantly, by way of withdrawal (see s67A(5)(a) ALRA), grant as Aboriginal land (see s67A(5)(b) ALRA), or by decision of the Federal Minister that the area should not be granted (see s67A(5)(d) ALRA). NT Portion 2193 is defined on survey plans S93/325A-E and CP 4485E.

Item	Maurice J detriment findings per Report no. 29	Additional/new detriment information
1.		<p>DIPL advises:</p> <p>Part 1: Crown Land Estate</p> <p><u>NT Portion 2193</u></p> <ul style="list-style-type: none"> a. NT Portion 2193 is vacant Crown land the subject of the Urapunga Stock Route. It falls within the Yugul Mangi Community Government Area. b. The Department is not aware of any formal access points, such as boat ramps, from the stock route to the Roper River however this does not prevent the public accessing the river from the parcel. Should the access be denied or a cost imposed this will have a negative impact on the public. It may also have a negative impact on recreational fishing/tourism in the area if the public cannot access the river. c. Adjacent tenure to the this parcel is: <ul style="list-style-type: none"> i) NT Portion 916 which is vacant Crown land: the area has not been identified for any future use by the Department, therefore it cannot be determined what, if any detriment would arise.

		<ul style="list-style-type: none"> ii) NT Portion 1718 which is vacant Crown land which is addressed below; iii) NT Portion 4256 which is vacant Crown land, part of Urapunga Stock Route; iv) Various pastoral leases comprising NT Portion 4775 (Flying Fox Station), NT Portion 4972 (Lonesome Dove Station), NT Portion 4973 (Big River Station) and NT Portion 4256 (Mount McMinn Station): any concerns for these parcels will be addressed by Department of Environment and Natural Resources; and the Department of Primary Industry and Resources. <p><u>NT Portion 1718</u></p> <ul style="list-style-type: none"> d. NT Portion 1718 is also vacant Crown land the subject of the Urapunga Stock Route. e. The Department is not aware of any formal access points, such as boat ramps, from the stock route to the Roper River however this does not prevent the public accessing the river from the parcel. Should the access be denied or a cost imposed this will have a negative impact on the public. It may also have a negative impact on recreational fishing/tourism in the area if the public cannot access the river. f. Adjacent to this land is NT Portion 2193 as addressed above. g. An adjacent pastoral property to this land is NT Portion 4775 (Flying Fox Station). h. Another adjacent area is NT Portion 3278 – previously issued to the Bringung Aboriginal Community Inc, now an estate in fee simple held by the Commissioner for Consumer Affairs (part of the Department of Attorney-General and Justice). The Commissioner for Consumer Affairs has responsibility of such assets when land holding entities are no longer in existence given the title over the land is prescribed property pursuant to s110 Associations Act (NT)). The Bringung Aboriginal Community Incorporated is now defunct. The parcel was originally granted to the Bringung Aboriginal Community Inc pursuant to Crown Lease Term 623 in 1987. This was converted to an Aboriginal Community Living Area freehold title under s16 <i>Miscellaneous Acts Amendment (Community Living Areas) Act 1989</i> in June 1993. NT Freehold title in the name of Bringung was registered in July 1993. It was registered in the name of the Commissioner for Consumer Affairs in 2011. i. The DIPL is not aware of any formal access points such as boat ramps, from the stock route to the Roper River however this does not prevent the public accessing the river from NT Portion 1718. Should access to the Stock Route and be restricted or denied, then detriment may result to persons accessing and using the stock route to gain access to the Roper River. <p>Part 2: Valuation Services</p> <ul style="list-style-type: none"> j. LC 69 is currently a stock route traversing a number of Perpetual Pastoral Properties. This stock route area is currently excluded from the Unimproved Capital Valuation (UCV) assessable area for the PPLs, however there have been some 20+ consolidations of stock routes into the adjoining pastoral properties over the past few years. When this occurs, the consolidation does add value to the pastoral properties benefitting from the amalgamation. k. Whilst the UCVs for each property will remain unaffected by having the stock route excluded (which is the case now), any diminution in value associated with the claim will depend on whether the claimed area will be fenced. It is assumed the area will not be fenced (because it is very much bushland). If however, the effect of the grant was to restrict and/or result in denial of access by the pastoral lessee's for cattle grazing then detriment would result. If
--	--	---

however the stock route is required to be fenced, there will be detriment to each of the affected pastoral properties as a result of the cost associated with installation of any fencing, their inability to graze, access bores, water etc on the stock route previously available and permitted for use by the adjoining pastoralists.

Part 3: Transport services

Transports Assets within the claim area

- l. The Roper Highway (Rims ID 32) starts from Stuart Highway to Ngukurr, is 205.98km in length with a 150m wide nominated road reserve running parallel to the Claim area.
- m. Part of an adjacent area of the Roper Highway, namely that area as marked Section A on the attached ILIS Google Earth plan abuts the south eastern boundary of NTP 2193 (the claim area) marked as **Attachment 12**. This road is managed by NTG Road Authority.
- n. There are some anomalies between surveys, however the road including the 150m wide nominal road reserve is situated within NTP 2193 (the claim area).
- o. The Roper Highway through NT Portion 2193 is public road which should be excluded from any grant made pursuant to s12(3) ALRA. Exclusion of that part to secure full nominal road reserve width would be required to ensure operations and maintenance of the road to the acceptable and safe standards.
- p. The Roper Highway through the NT Portion 2193 is part of a road classified as a rural arterial road. Attached as **Attachment 12A** is the statement of Ken Grattan former employee with the then Department of Transport and Works dated 30 October 1998 presented in the Carpentaria Downs/Balbarini Land Claim No.160 and made exhibit no.NT7 in that claim. This statement at paragraphs 13-17 sets out the basis for the road reserve policy including the 150m wide road corridor for rural arterial roads. The 150 m wide road reserve continues through NTP 4972: refer Survey Plans S93/325A marked as **Attachment 13**, S95/218A marked as **Attachment 14**, S96/261 marked as **Attachment 15** & CP4485A marked as **Attachment 16**.

Transport Assets in in the vicinity of the claim area

- q. **Section B** of Roper Highway – NT 1718 (the claim area) has a common boundary with NTP 3278. The Roper Highway to a 100m wide road reserve abuts the southern boundary of this parcel and is in the vicinity of the claim area: refer ILIS/google map depicting Section B of the Roper Highway in conjunction with NT Portion 1718 attached and marked **Attachment 17**. Refer also survey plan S 96/261 attached as **Attachment 15** as referred to above.
- r. **Hodgson Down** (Rim ID 139) Rural – Secondary Road starts from Roper Highway intersection south of NTP 3278 with 100m wide nominated road reserve and is in the vicinity of the claim area. Refer Survey Plan S97/40 & S96/261.
- s. **Section C** of the Roper Highway indicates that a 100m wide road reserve abuts NT Portion 2193 at the south east corner where the road crosses from NTP 4971 to NTP 4256. The continuation of the 150 m road reserve is intended through NTP 4256 and is evidenced by a constructed road. The road reserve currently terminates at the interface between NTP 4971, NT 4256 and NTP 2193: refer attached ILIS/google map of the Roper Highway at this

		<p>junction marked as Attachment 18. Refer also survey plans S95/218A Attachment 14, and S96/261 marked as Attachment 15 as noted above.</p> <p>t. Any proposals for Grant of NTP 2193 as Aboriginal land should preserve the integrity of the existing 150m wide road reserve and ability to continue the road reserve over NTP 4256.</p>
2.	Refer findings of former Commissioner Maurice at 17.1.1-17.1.6, Report no.29	<p>DENR advises as follows:</p> <p>a. At the time of hearing of LC 69, the owner of land affected by the claim to what was area 4 and now comprising NT Portions 2193 and 1817, was the lessee of Roper Valley Station, NT Portion 712 then the subject of PPL 1123. This land was subdivided into 4 separate parcels in 1995 pursuant to Survey Plan S95/218A, attached and marked Attachment 19. Adjacent land holders to the claim area are:</p> <ul style="list-style-type: none"> • NTP 4972 Lonesome Dove Station – Perpetual Pastoral Lease (PPL) No. 1185 – DK Pastoral Company as trustee for the DK family land trust. • NTP 4775 Flying Fox Station – PPL No. 1179 – Fly Fox Pty Ltd as trustee for Mark Scott Sullivan Family Trust. • NTP 4973 Big River Station – PPL No. 1160 – Daniel Tapp • NTP 4971 Mount McMinn – PPL No. 1180 – Joe Cahill (Vic) Pty Ltd as trustee for the JG Cahill Family Trust. <p>Part 1: Rangelands - Pastoral Activity</p> <p>b. The objects of the <i>Pastoral Land Act</i> require a pastoral lessee to prevent or minimise degradation of or other damage to land and it's native flora and fauna. To meet these requirements, the lessee must control feral animals and weeds. Access must be freely allowed to the land claim area in order to control any incursions and prevent widespread weed problems throughout the lease and any neighbouring land.</p> <p>c. The lessee's, their staff and visitors, may access water ways, including the beds and banks of the rivers for camping and fishing and other recreational purposes. This is common practice. Under the <i>Pastoral Land Act</i>, Part 6 section 79, the general public also has the right to access waterways.</p> <p>d. To access the Roper River from the Roper Highway, access is required across the land claim area.</p> <p>e. Future diversification activities may require the use of the land claim area and any restrictions imposed on accessing this area may impede on the pastoralists future to generate an alternative source of income.</p> <p>f. Such uses may be tourism, agriculture etc. The non-pastoral use provisions under the Pastoral Lands Act have operated since 1992 and non-pastoral activities contribute economic returns to the NT economy.</p> <p>g. The lessees have the right to graze and water stock on their land adjoining waterways pursuant to the <i>Water Act (NT)</i>. The lessee may take water for domestic purposes, drinking water for grazing stock on the land and may wish to install pipes or pumps across the land claim area to water stock on either side. Lagoons and lakes are located within the claim area.</p> <p>h. Flying Fox Station has a non-pastoral use permit granted to it for accommodation facilities (in close vicinity of Land Claim 69).</p> <p>i. The pastoral leases would be using the stock route as part of their operations ie to graze cattle, muster and maintain any infrastructure.</p>

		<p>j. DENR is aware that the lessee of Flying Fox Station may apply to undertake non-pastoral use of the lease for agricultural purposes and may need to cross the stock route.</p> <p>k. Access roads to Lonesome Dove and Big River Homesteads from the Roper Highway, are through the land claim area (stock route).</p> <p>l. The Department can provide contact details for the lessee's for more detailed information regarding the impact of the grant of the claimed areas on their pastoral operations.</p> <p><u>Pastoral infrastructure on stock routes</u></p> <p>b. Evidence of pastoral infrastructure located within the Land Claim area includes tracks, lakes , lagoons and dams to water cattle, water pipelines (from pumps to troughs), tanks, fencing.</p> <p>c. Attached and marked Attachments 19-22 are the following maps:</p> <p>i. Attachment 20: Plan depicting Flying Fox Station, NT Portion 4775, PPL 1179 including infrastructure within station and stock route corridor NT Portions 1718 and 2193 within bounds of PPL 1179;</p> <p>ii. Attachment 21: Plan depicting Mount McMinn Station, NT Portion 4971, PPL 1180 including infrastructure within station and stock route corridor NT Portion 2193 within bounds of PPL 1180;</p> <p>iii. Attachment 22: Plan depicting Big River Station, NT Portion 4973, PPL 1160 including infrastructure within station and stock route corridor NT Portion 2193 within bounds of PPL 1160;</p> <p>iv. Attachment 23 Mount McMinn Station, NT Portion 4972, PPL 1185 including infrastructure within station and stock route corridor NT Portion 2193 within bounds of PPL 1185.</p> <p>d. There are Rangeland Monitoring sites located within the stock route (Land Claim area) on Flying Fox Station as depicted on Attachment 20 referred to above (note reference to sites labelled FYF01 and FYF03). These sites provide historical and current evidence of land condition to monitor the condition of the pastoral estate (including the stock route and stock reserve areas). This information is provided to the Pastoral Land Board which reports to the Minister annually.</p> <p>e. The Territory submits that whilst the claim area no longer traverses the one sole pastoral property as was the case when report 29 was delivered, the detriment concerns regarding use of fenced paddocks on the stock route, the water sources including the pipeline across the paddock, and use of the river would give rise to significant detriment on the part of the adjacent pastoral lease holders in the event that access and use of these assets were to be restricted or denied. We agree with the former Commissioner that "Acceding to this claim could... result in loss of important grazing land, loss of access to water, severance of paddocks and extraordinary operational difficulties" [per Maurice J at paragraph 17.1.5, report no, 29].</p> <p><u>Part 2: Water Resources</u></p> <p>f. There are no active water monitoring assets in the land claim 69 claim area. While no water monitoring activity or studies are currently in progress within the claim area, future water investigations for planning and development may require access and activities by Water Resources staff onto the claim area. Access to undertake water monitoring duties is provided for under s20(1) and (2) of the Water Act (NT).</p> <p>g. Monitoring activities may be passive such as taking water quality samples or flow measurements or more intrusive where continuous to long term data is required to improve the understanding of the hydrology, water quality and</p>
--	--	---

		<p>geomorphology of the river for water management purposes or for flood forecasting. Long term data may necessitate the construction of monitoring infrastructure known as a gauging station.</p> <p>h. Where direct access to a river arises, water extraction for stock and domestic use will be permitted. However, the extraction of surface water for any other purpose is not permitted without a water extraction licence (WEL). Further, a WEL is also required for any groundwater extraction above 5 litres per second within the Water Control District. There are currently no WEL for NT Portions 1718 and 2193.</p>
3.		<p>DIPR advises as follows:</p> <p>Part 1: ENERGY</p> <p>a. The DPIR administers and regulates petroleum exploration, production and transportation (via pipeline) activities in the NT onshore and to the 3 nautical mile limit (3nM).</p> <p>b. The relevant Acts, regulations and schedules are:</p> <ul style="list-style-type: none"> i. <i>Petroleum Act</i> ii. <i>Petroleum (Environment) Regulations</i> iii. <i>Schedule of Onshore Petroleum Exploration and Production Requirements 2016</i> iv. <i>Petroleum Regulations</i> v. <i>Petroleum (Submerged Lands) Act</i> vi. <i>Petroleum (Submerged Lands) Regulations</i> vii. <i>Petroleum (Prospecting and Mining) Act [repealed]</i> – existing by virtue of transitional provisions under section 119 of the <i>Petroleum Act</i> viii. <i>Energy Pipeline Act</i> ix. <i>Energy Pipelines Regulations</i> <p>Petroleum Interests over and adjacent to the Claim Area</p> <p>c. On 21 August 2012, Petroleum Exploration Permit EP162 was granted under the provisions of the <i>Native Title Act 1993</i>. EP162 is currently held by Santos QNT Pty Ltd (75%) and Tamboran Resources Limited (25%), with an expiry date of 20 May 2020: see Title Report for EP 162 at Attachment 24. EP162 covers all of the Mataranka Area LC 69: see map depicting petroleum interests in relation to this claim marked Attachment 25.</p> <p>d. On 11 January 2008, Jacaranda Minerals Limited (50%) and Minerals Australia Pty Ltd (50%) applied for (the now granted) Petroleum Exploration Permit EP154, which is situated over four Aboriginal Land Trusts. On 19 January 2009, the delegate of the Minister, pursuant to section 13 of the <i>Petroleum Act</i>, issued consent to the applicants to enter into negotiations with the Northern Land Council for the grant of EP154. The Traditional Owners provided partial consent for the grant of EP154 and the 11 non-consent areas were:</p> <ul style="list-style-type: none"> i. placed in a five year ALRA moratorium, due to end 31 May 2018; ii. issued individual Petroleum Exploration Permit applications

		<p>e. EP(A)353 being one of the non-consent areas, slightly covers the western border of Mataranka Area LC 69: see Title Report for EP(A) 353 at Attachment 26 and map at Attachment 25 referred to above.</p> <p>f. The NT Geological Survey advises that the Mataranka Area Land Claim No. 69 is underlain by geology of the McArthur Basin, and can be considered to have moderate petroleum potential, although the Velkerri and Kyalla formations may be too shallow in this area to be prospective. A deeper gas or oil play may occur in the underlying McArthur Group, but is untested.</p> <p>Access Negotiations</p> <p>g. Before grant of a petroleum exploration permit, the DPIR must have evidence that the applicant and either the registered native title parties or the traditional owners of any ALRA land, (whichever is applicable) have reached formal agreement between them.</p> <p>h. The DPIR is not privy to the content of these agreements, but understands that they can deal with environmental and cultural matters and how activities are conducted. This could include activities like construction of roads and tracks, creek crossings, development of processing facilities and gathering pipelines, transport of a petroleum resource via pipeline or to conduct environmental studies, including sampling and geophysical surveys.</p> <p>Environmental Regulation</p> <p>i. The <i>Petroleum Act</i> requires that the holder of a granted EP must carry out works in such a way as to cause as little disturbance to the environment as practicable. Additionally, exploration activity is subject to the requirements of the Petroleum (Environment) Regulations (PER), the object of which is to ensure that regulated activities are carried out in a manner:</p> <ul style="list-style-type: none"> (a) consistent with the principles of ecologically sustainable development (b) by which the environmental impacts and environmental risks of the activities will be reduced to a level that is: <ul style="list-style-type: none"> (i) as low as reasonably practicable; and (ii) acceptable. <p>j. All exploration activities must have an environment management plan approved under the PER before activity can be undertaken. For those reasons, DPIR does not generally approve drilling programs within 100 metres of a river or inland water body.</p> <p>Petroleum Exploration and Development Activities</p> <p>k. Among other things petroleum activities consist of construction of roads, tracks, camps, drilling pads, creek crossings and the conduct of ground geophysical surveys, airborne surveys, drilling, environmental and geological studies, including sampling. If substantial hydrocarbons are discovered, field development will comprise of processing facilities (including an office block and camp facilities), gathering pipelines, a petroleum resource</p>
--	--	---

transport pipeline and compressor stations. While there may be opportunities to connect to the Amadeus Pipeline (via the McArthur River Gas Pipeline if applicable) or the (under construction) Northern Gas Pipeline, a company would look at all development options to select the most viable, which could include a downstream gas processing plant or connection to an offshore facility like a Floating LNG processing facility or a condensate export facility.

Effect of grant of land claim on applications and interests

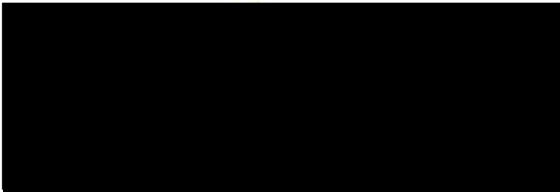
- l. Applicants for petroleum interests may be affected in the event of the grant of Aboriginal land because they would need to secure an agreement under Part IV of the ALRA with the relevant Land Council, along with any other procedural requirements, in order for the interest to be validly granted.
- m. Petroleum interest holders may need to use the claim area to access or transport a petroleum resource, petroleum infrastructure or to conduct environmental studies, including sampling and geophysical surveys. The effect of the grant of Aboriginal land on those interest holders would depend on how the interest was categorised under the ALRA (eg as an exploration licence, exploration retention licence, or mining interest). A process to renew an exploration licence or obtain a mining interest will require compliance with Part IV of the ALRA. Where seas adjacent to Aboriginal land have been closed under the Aboriginal Land Act (NT), interest holders may need to obtain permits to access those areas.
- n. Pipeline licences under the Energy Pipelines Act (NT) confer certain rights to construct, operate and maintain a pipeline. However, to the extent the exercise of those rights would interfere with the rights of an underlying interest holder (e.g. the owner of an estate in fee simple), the licence holder will need to negotiate an easement, lease, licence or other right in order to lawfully exercise their rights under the pipeline licence. Where a pipeline licence crosses unalienated Crown land that is not the subject of any inconsistent interests (e.g. a reservation), there may have been no need to obtain an easement, lease, licence etc. from the Crown. If the land claimed is granted as Aboriginal land, a pipeline licensee under the Energy Pipelines Act (NT) will need an appropriate easement, lease or licence from the relevant Land Trust to exercise its rights under the pipeline licence.
- o. Pipeline interest holders are obliged to maintain pipelines in good order. In general, they may need to access pipelines for care and maintenance purposes.
- p. The petroleum industry is an important part of the Northern Territory economy. The development of Northern Territory petroleum assets gives rise to significant infrastructure expenditure and long-term employment.
- q. Even if an agreement can be reached, it would likely create additional costs to petroleum explorers.

Part 2: Minerals tenure

- r. Details of current granted minerals tenures within and/or surrounding the claim area is set out in a spreadsheet marked **Attachment 27**. These mineral tenures are also depicted on the map marked as **Attachment 28**.
- s. The comments above in Table 1 at item (c)-(h) also apply here.
- t. The Access Authority that affects the claim area is an application only. This is indicated on the map marked **Attachment 28** as a red line. DIPR advise that AA 31431 is linked with ML 29042 and is for the purposes of a water pipeline.

4.		<p>DTC advises as follows:</p> <ol style="list-style-type: none"> a. The Katherine Region (which includes LC 69) attracted 346 000 interstate & international visitors in 2017, visitor expenditure of \$186 million. b. The Roper sub-region (which includes LC69 is accessed by tourists utilising the Roper Highway to access fishing locations and tours as well as by 4wd travellers on the Savannah Way touring route. c. The Savannah Way for wheel drive (4wd) touring route, crosses 3 states from Qld, NT to WA. d. The touring route travels along the Roper Highway adjacent to LC 69. The Savannah Way is marketed as Australia's adventure drive crossing from Cairns to Katherine to Broome with a dedicated internet page at http://www.savannahway.com.au e. As the remote touring route is self-drive, there is limited data available as to how many tourists take this drive each year. f. Traffic Report data for Roper Highway (5km east of Hodgson Downs turn-off) within the vicinity of LC 69 showed that approx. 24 820 vehicles (average from daily counts) accessed the road in 2015. g. Flying Fox Station is situated on the Roper Highway in close proximity to LC 69. h. Flying Fox station has a 32 room registered boarding house where tourist (undertaking the Savannah Way tourist drive or travelling through to the surrounding regional area) can stay as well as fish and hunt on the station. i. In order to access the Roper River to fish or hunt, any tourism visitors to Flying Fox Station will need access to LC 69 for transit purposes. j. From a Tourism perspective, detriment could result if there are limitations on access to experiences along the Savannah Way adventure touring route. k. Contact Details for Flying Fox Station <ol style="list-style-type: none"> a. Mr Mark Sullivan, Fly Fox Pty Ltd – Phone 8977 4222 l. The area of LC69 is either perpetual pastoral lease or freehold, and as such the Department does not maintain records of use for the area. m. The Department of Tourism and Culture does not occupy, use or intend to use this area, nor does the Department have any assets within, or bordering the claim area.
<p>CONCLUSION:</p> <p>The above table sets out the position of the Northern Territory regarding the detriment and effect on existing and proposed patterns of land usage arising in this claim. The extent of detriment that may arise in the event of the grant of NT Portions 1918 and 2193 and the effect it may have on proposed patterns of land usage as set out in Table 2 above. The detriment arising is significant particularly in the context of the adjacent land holder interests. We respectfully submit the Commissioner should find, consistent with Maurice J's findings in report No. 29 (see especially at item 7, recommendation, p.98), that the lessees of Flying Fox, Big River, Namul Namul and Mount McMinn Stations would suffer considerable detriment in the event of a grant of the claim area unless satisfactory terms and conditions for access and use of the claim area could be reached with the traditional owners.</p>		

The Above Tables 1 and 2 (based on information received from instructing NT Government Agencies compiled by the Department of Infrastructure Planning and Logistics) was prepared by:



per Kalliopi (Poppi) Gatis
Senior Lawyer
Solicitor for the Northern Territory
Department of Attorney General and Justice
Floor 1 Old Admiralty Towers
68 The Esplanade, Darwin
GPO Box 1722, Darwin NT 0801

Date: [insert] July 2018

ATTACHMENTS TO TABLES 1 AND 2

Table 1 Attachments

Attachment 1: Spreadsheet of details of current granted minerals tenures within and/or surrounding Section 2968 Hundred of Goyder

Attachment 2: Map depicting minerals tenure in LC 39 area

Attachment 3: Map depicting petroleum reserved block including claimed land Section 2968

Attachment 4: An ILIS map depicting Sections A and B of the Rum Jungle Road in the region

Attachment 5: Survey Plan S91/212

Attachment 6: Survey Plan S92/238B

Attachment 7: Survey Plan S92/288

Attachment 8: Survey Plan S2006/72.

Attachment 9: List of groundwater bores on section 2968

Attachment 10: Natural Resources Map of Bores on Section 2968

Attachment 11: Natural Resources Map of Surface Water Monitoring sites on Section 2968

Table 2 Attachments

Attachment 12: ILIS map with google imagery of section A of Stuart Highway within south eastern boundary of NTP 2193

Attachment 12A: Statement of Ken Grattan former employee with the then Department of Transport and Works dated 30 October 1998 presented in the Carpentaria Downs/Balbarini Land Claim No.160 and made exhibit no.NT7 in that claim

Attachment 13: Survey Plan S93/325A

Attachment 14: Survey Plan S95/218A

Attachment 15: Survey Plan S96/261

Attachment 16: Compiled Plan 4485A

Attachment 17: ILIS/google map depicting Section B of the Roper Highway in conjunction with NT Portion 1718

Attachment 18: ILIS/google map of the Roper Highway at junction/interface between NTP 4971, NT 4256 and NTP 2193

Attachment 19: Survey Plan S95/218A

Attachment 20: Plan depicting Flying Fox Station, NT Portion 4775, PPL 1179 including infrastructure within station and stock route corridor NT Portions 1718 and 2193 within bounds of PPL 1179;

Attachment 21: Plan depicting Mount McMinn Station, NT Portion 4971, PPL 1180 including infrastructure within station and stock route corridor NT Portion 2193 within bounds of PPL 1180;

Attachment 22: Plan depicting Big River Station, NT Portion 4973, PPL 1160 including infrastructure within station and stock route corridor NT Portion 2193 within bounds of PPL 1160;

Attachment 23 Mount McMinn Station, NT Portion 4972, PPL 1185 including infrastructure within station and stock route corridor NT Portion 2193 within bounds of PPL 1185

Attachment 24: Title Report for EP 162

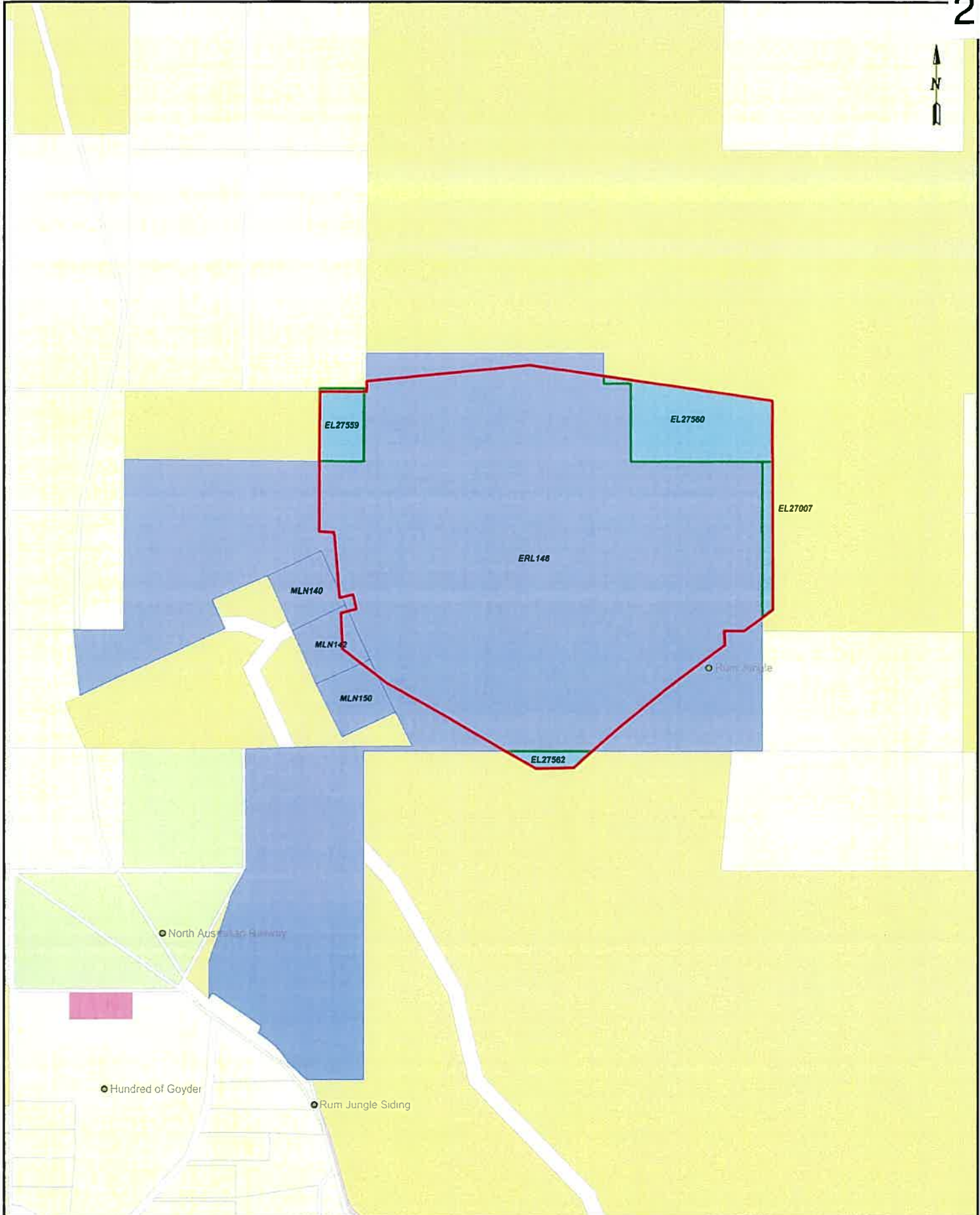
Attachment 25: Map depicting petroleum interests in relation to this claim

Attachment 26: Title Report for EP(A) 353

Attachment 27: Spreadsheet of details of current granted minerals tenures within and/or surrounding the claim area in LC 69

Attachment 28: Map depicting minerals tenure within and/or surrounding claim area in LC 69

Land Claim 39 TITLE TYPE	TITLE NUMBER	HOLDER	CONTACT	STATUS	APPLICATION DATE	GRANT DATE	EXPIRY DATE
EL	27562	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	21/08/2009	03/03/2010	02/03/2019
EL	27559	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	21/08/2009	03/03/2010	02/03/2019
EL	27007	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	03/10/2008	18/06/2009	17/06/2018
EL	27560	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	21/08/2009	03/03/2010	02/03/2019
MLN	140	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	27/02/1956	10/07/1956	31/12/2022
MLN	142	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	27/02/1956	10/07/1956	31/12/2022
MLN	150	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	12/06/1957	02/09/1957	31/12/2022
ELR	146	Northern Territories Resources Pty Ltd GPO Box 37446 WINNELLIE NT 0821 0437 690 958 greg.molloy@ntresources.com.au	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	renew retained	30/10/1995	19/09/2001	18/09/2021



LEGEND

	Land Claim 39		Vacant Crown Land		Pastoral Lease
	Exploration Licence Granted		Freehold Land		Government Land
	Other Mineral Title Granted		Aboriginal Land Trust		Crown Lease Term
					Crown Lease Perpetual











**LAND CLAIM 39
FINNISS RIVER**

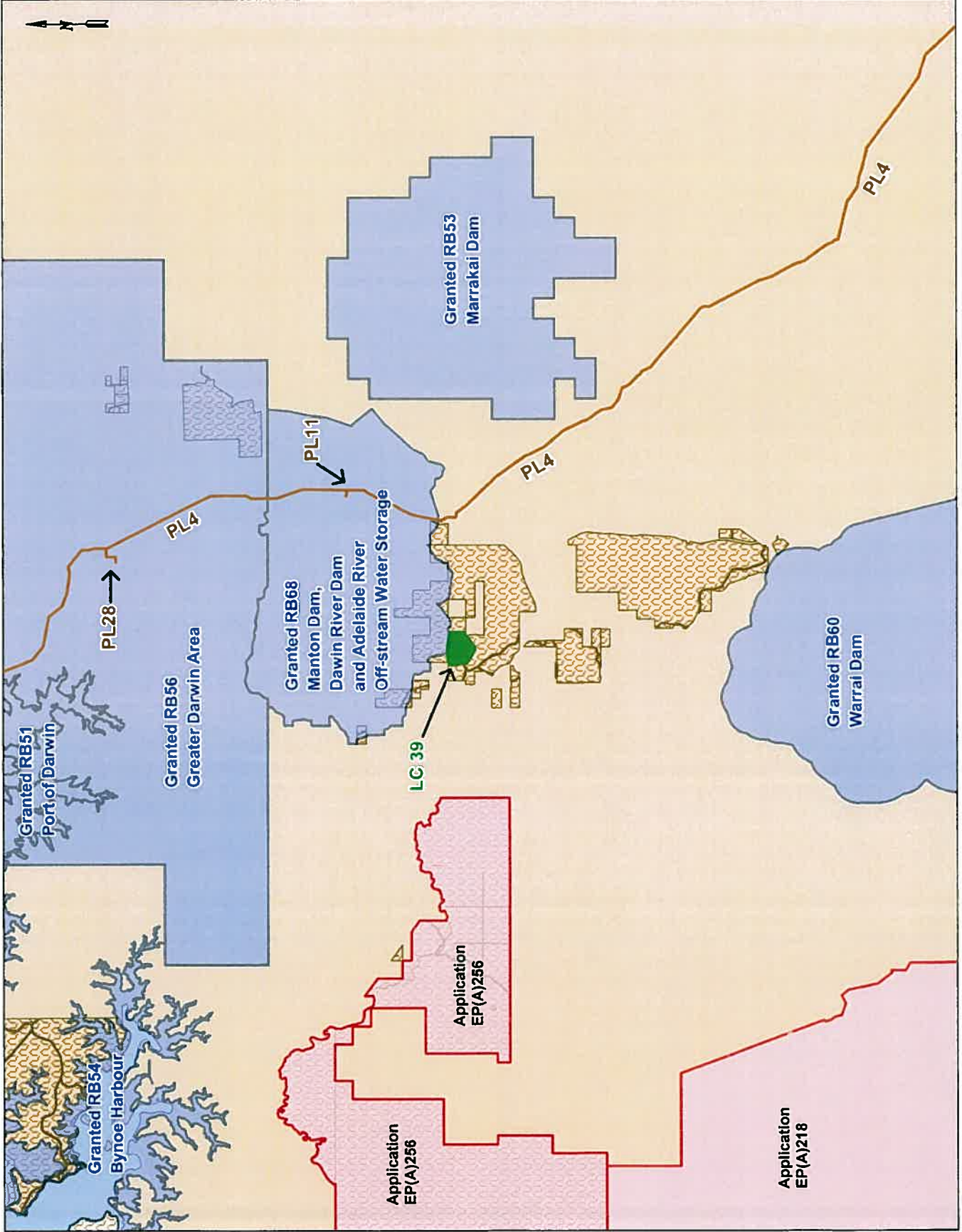


Datum: GDA94
Date: 22 May 2018
Prepared By: Mineral Titles Division

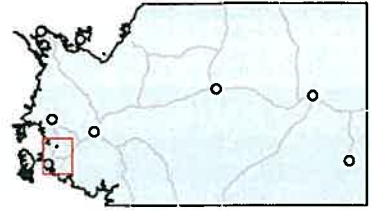
NOTE TO MAP USERS: Mining and exploration tenure depicted on this map are plotted from descriptions supplied by the holders and the Northern Territory takes no responsibility as to their accuracy. Further, users should be aware that inconsistencies may occur between data on selected layers due to the origin of the data depicted.

LEGEND

-  Granted Petroleum
-  Reserved Block (RB)
-  Petroleum Exploration
-  Permit Application EP(A)
-  Petroleum Pipeline
-  Land Claim (LC) 39
-  Aboriginal Land Trust
-  NT Onshore/
Boundary

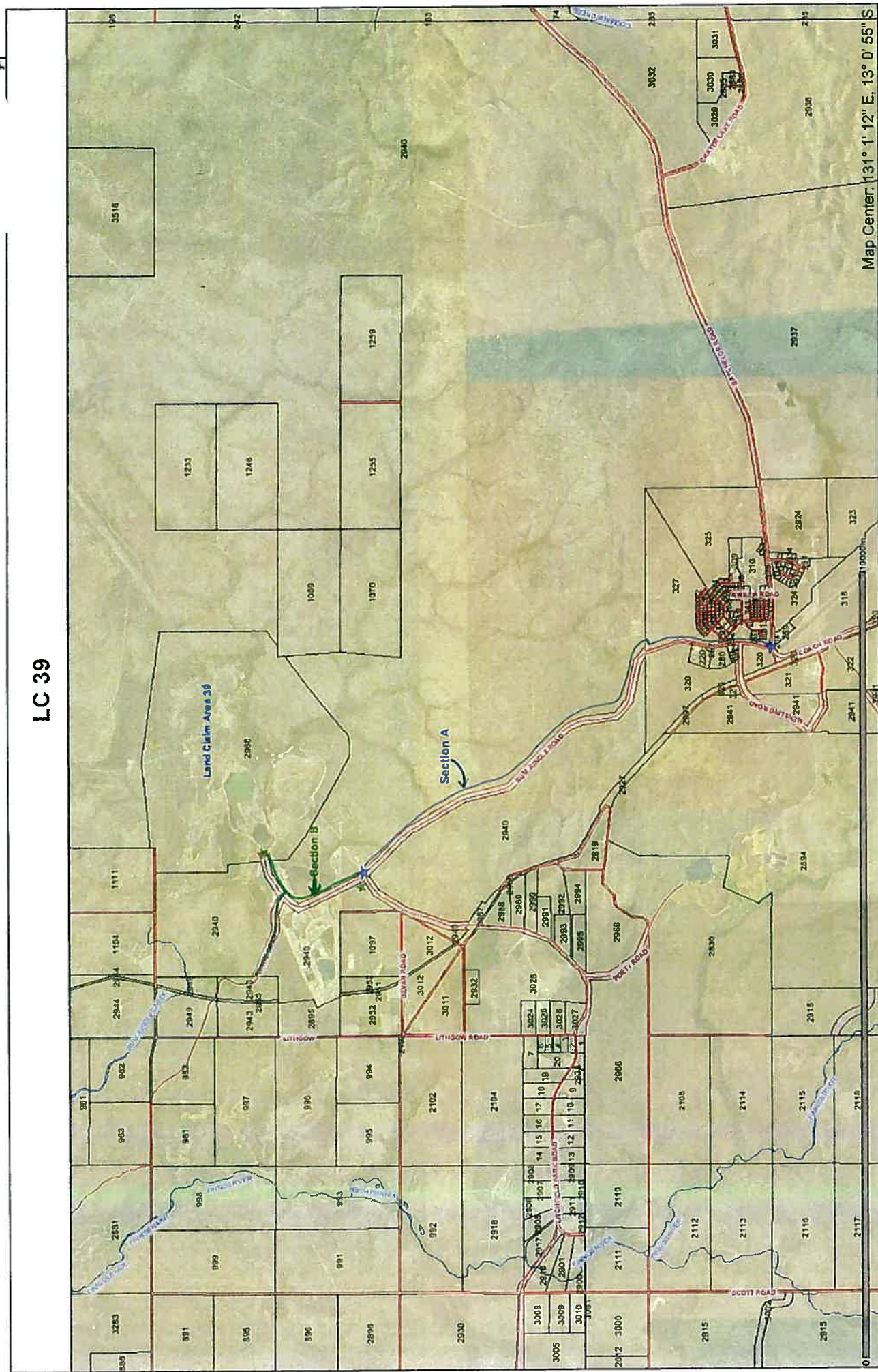


E 18-056



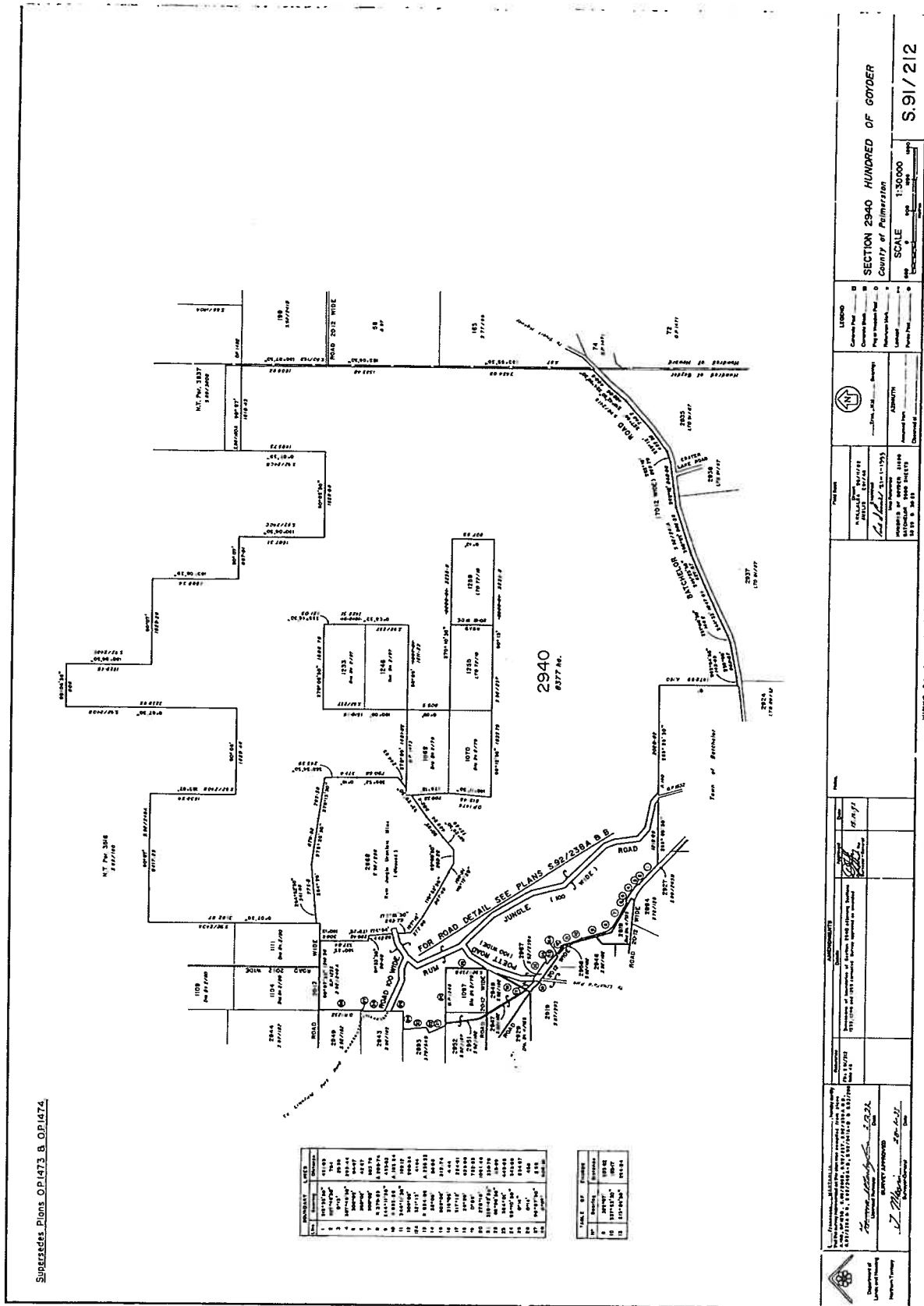
Datum: AGD 66
Date: 16 May 2018
Prepared By: Energy Titles

NOTE TO MAP USERS: Petroleum and exploration tenure depicted on this map are plotted from descriptions supplied by the holders and the Northern Territory takes no responsibility as to their accuracy. Further, users should be aware that inconsistencies may occur between data on selected layers due to the origin of the data depicted.



LC 39

Created by TNAVJ
 Bottom Left: -13° 03' 26", 130° 56' 23" Top Right: -12° 58' 23", 131° 05' 59" Approximate Scale: 1:61,000 Datum: GDA 1994
 Data for information purposes only - accuracy not guaranteed
 N.T. Land Information System Copyright Northern Territory of Australia



SUPERSEDES PLANS OP1473 & OP1474

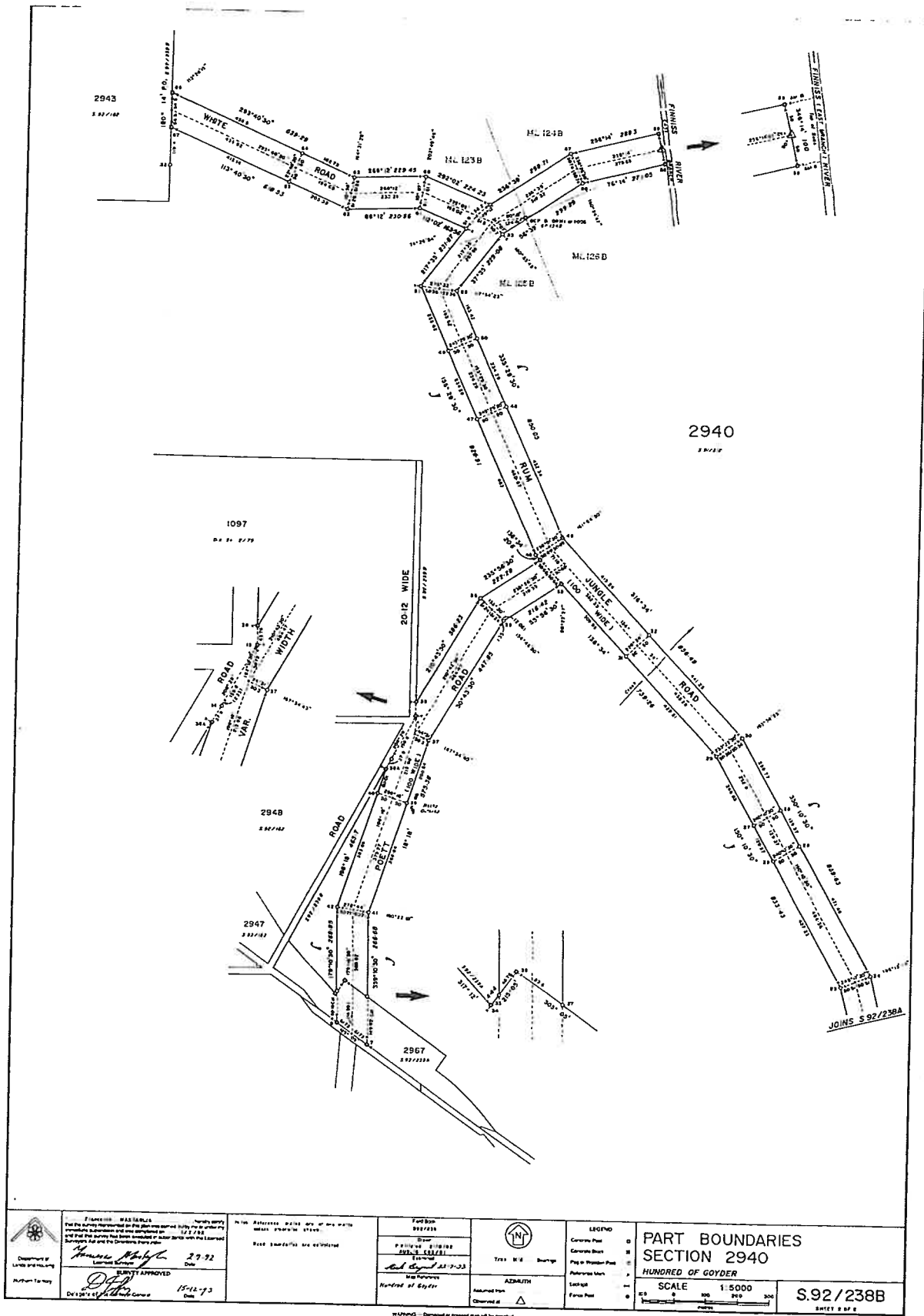
2940
8377 ha.

SECTION 2940 HUNDRED OF GOYDER
County of Palm Beach
SCALE 1:30000
S.91/212

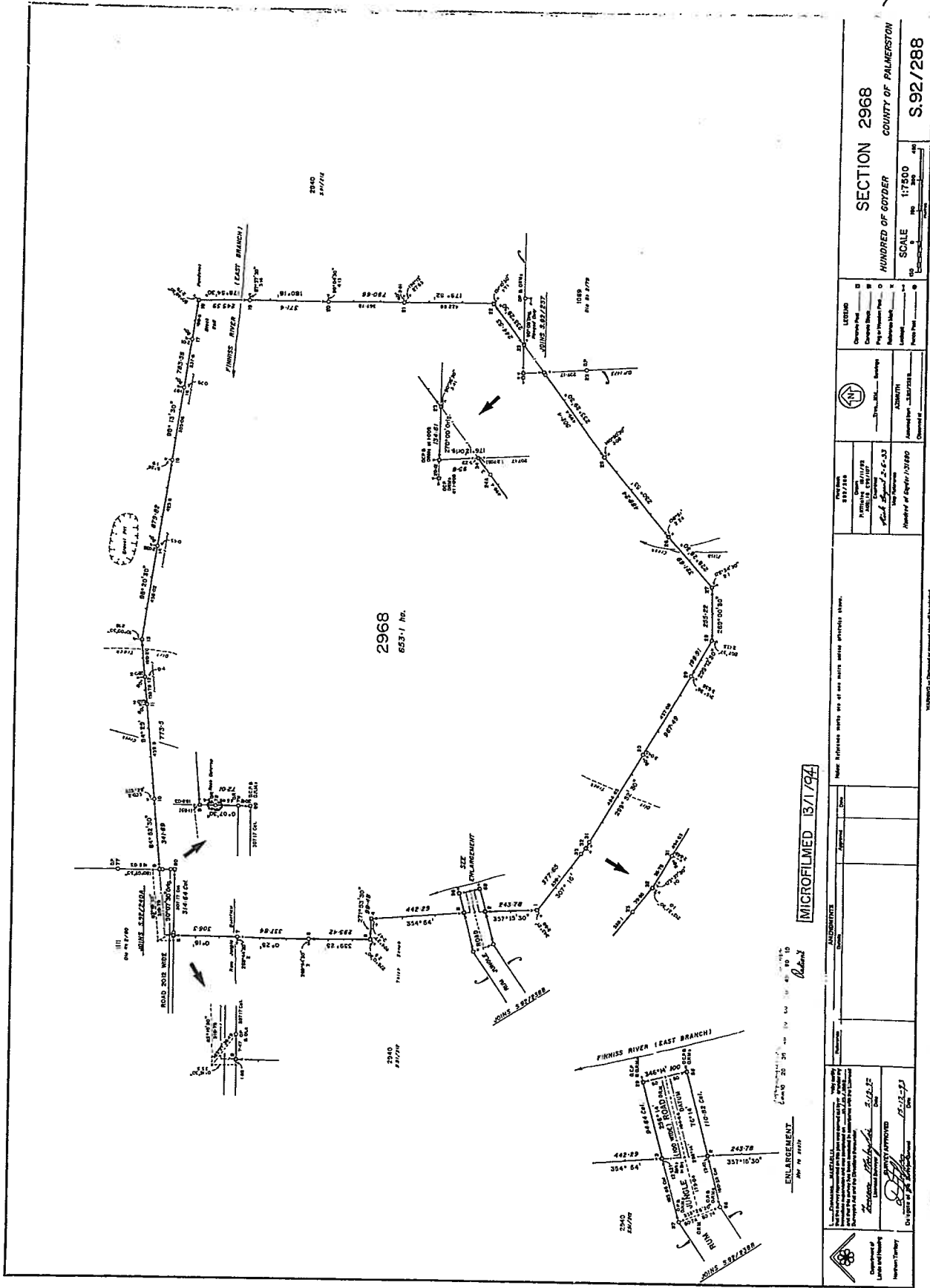
FOR ROAD DETAIL SEE PLANS S92/238 A & B

TABLE OF BEARINGS

NO.	BEARING	DISTANCE
1	S 81° 20' W	100.00
2	S 81° 20' W	100.00
3	S 81° 20' W	100.00
4	S 81° 20' W	100.00
5	S 81° 20' W	100.00
6	S 81° 20' W	100.00
7	S 81° 20' W	100.00
8	S 81° 20' W	100.00
9	S 81° 20' W	100.00
10	S 81° 20' W	100.00
11	S 81° 20' W	100.00
12	S 81° 20' W	100.00
13	S 81° 20' W	100.00
14	S 81° 20' W	100.00
15	S 81° 20' W	100.00
16	S 81° 20' W	100.00
17	S 81° 20' W	100.00
18	S 81° 20' W	100.00
19	S 81° 20' W	100.00
20	S 81° 20' W	100.00
21	S 81° 20' W	100.00
22	S 81° 20' W	100.00
23	S 81° 20' W	100.00
24	S 81° 20' W	100.00
25	S 81° 20' W	100.00
26	S 81° 20' W	100.00
27	S 81° 20' W	100.00
28	S 81° 20' W	100.00
29	S 81° 20' W	100.00
30	S 81° 20' W	100.00
31	S 81° 20' W	100.00
32	S 81° 20' W	100.00
33	S 81° 20' W	100.00
34	S 81° 20' W	100.00
35	S 81° 20' W	100.00
36	S 81° 20' W	100.00
37	S 81° 20' W	100.00
38	S 81° 20' W	100.00
39	S 81° 20' W	100.00
40	S 81° 20' W	100.00



 Department of Lands and Planning Approved by [Signature] Date: 15-11-93	I, [Signature], being duly sworn, depose and say that the survey represented on this plan was carried out by me or under my supervision and that the survey has been conducted in accordance with the Survey Act and the Ordinance thereunder.	I, [Signature], being duly sworn, depose and say that the survey represented on this plan was carried out by me or under my supervision and that the survey has been conducted in accordance with the Survey Act and the Ordinance thereunder.	Form Book 882/238	 True N 1/2 S Azimuth Observed at 	LEGEND Corner Post Corner Stake Peg in Wooden Post Reference Mark Lockup Fence Post	PART BOUNDARIES SECTION 2940 HUNDRED OF GOYDER SCALE 1:5000 S.92/238B SHEET 2 OF 2
			Date: 27-92 Date: 15-11-93			



SECTION 2968
 HUNDRED OF GOYDER
 COUNTY OF PALMERSTON
 SCALE 1:7500
 S.92/288

DATE: 13/1/94
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 NUMBER OF SHEETS: 1 OF 1

APPROVED BY: [Signature]
 DATE: 13/1/94

APPROVED BY: [Signature]
 DATE: 13/1/94

APPROVED BY: [Signature]
 DATE: 13/1/94

APPROVED BY: [Signature]
 DATE: 13/1/94

APPROVED BY: [Signature]
 DATE: 13/1/94

Attachment 款

Groundwater Bores – Section 2968

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN026232	BH3 RUM JUNGLE MINE		Investigation	1970-01-01	-12.98192511	131.00222276	MGA94	52	717180	8564010
RN026233	BH4 RUM JUNGLE MINE		Investigation	1970-01-01	-12.98120178	131.00222679	MGA94	52	717185	8564090
RN026234	BH5 RUM JUNGLE		Investigation	1970-01-01	-12.97993764	131.0021195	MGA94	52	717170	8564230
RN026235	BH 6 RUM JUNGLE		Investigation	1970-01-01	-12.98400224	131.0024285	MGA94	52	717200	8563780
RN026236	BH 2 RUM JUNGLE		Investigation	1970-01-01	-12.98282812	131.002327	MGA94	52	717190	8563910
RN022033	NO 2 RUM JUNGLE	NOT IN USE	Investigation	1983-05-13	-12.99002194	131.0070387	MGA94	52	717695	8563110
RN022034	NO 3 A RUM JUNGLE	NOT IN USE	Investigation	1983-05-18	-12.99051752	131.0013748	MGA94	52	717080	8563060
RN022108	NO 3 B RUM JUNGLE (Mines Department Of Resources)		Investigation	1983-05-20	-12.9920681	131.0000048	MGA94	52	716930	8562890
RN022032	NO 1 A RUM JUNGLE	NOT IN USE	Investigation	1983-05-21	-12.98641171	131.0064107	MGA94	52	717630	8563510

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Eastings	Northing
RN022035	NO 4 RUM JUNGLE	NOT IN USE	Investigation	1983-05-23	-12.98692046	131.0107463	MGA94	52	718100	8563450
RN022037	NO 6 RUM JUNGLE		Investigation	1983-05-27	-12.99305793	131.0059572	MGA94	52	717575	8562775
RN022039	NO 8 RUM JUNGLE		Investigation	1983-05-28	-12.99145145	131.0068382	MGA94	52	717672	8562952
RN022081	NO 9 RUM JUNGLE		Investigation	1983-05-29	-12.99065348	131.007182	MGA94	52	717710	8563040
RN022082	REHAB.NO.10 RUM JUNGLE		Investigation	1983-06-04	-12.99591725	131.010192	MGA94	52	718032	8562455
RN022107	NO 1 B RUM JUNGLE		Investigation	1983-06-04	-12.98603165	131.0064722	MGA94	52	717637	8563552
RN022084	NO 12 RUM JUNGLE		Investigation	1983-06-06	-12.99635406	131.0074675	MGA94	52	717736	8562409
RN022086	NO 14 RUM JUNGLE	NOT IN USE	Investigation	1983-06-09	-12.98955976	131.0083713	MGA94	52	717840	8563160
RN022410	WR 83/1 RUM JUNGLE		Investigation	1983-10-06	-12.99318302	131.0119856	MGA94	52	718229	8562756
RN022411	WR 83/2 RUM JUNGLE		Investigation	1983-10-10	-12.99302768	131.0122055	MGA94	52	718253	8562773
RN022412	WR 83/3 RUM JUNGLE		Investigation	1983-10-10	-12.99576878	131.0118589	MGA94	52	718213	8562470
RN022413	WR 83/4 RUM JUNGLE		Investigation	1983-10-10	-12.99573938	131.0121536	MGA94	52	718245	8562473
RN022414	WR 83/5 RUM JUNGLE		Investigation	1983-10-10	-12.99526667	131.0125093	MGA94	52	718284	8562525

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Eastings	Northing
RN022415	WR 83/6 RUM JUNGLE		Investigation	1983-10-10	-12.99418571	131.0120489	MGA94	52	718235	8562645
RN022416	WR 83/7 RUM JUNGLE		Investigation	1983-10-11	-12.99625579	131.0073192	MGA94	52	717720	8562420
RN022417	WR 83/8 RUM JUNGLE		Investigation	1983-10-11	-12.99500198	131.0058345	MGA94	52	717560	8562560
RN022544	WR 84/3 RUM JUNGLE		Investigation	1984-01-17	-12.98806	131.0106449	MGA94	52	718088	8563324
RN022547	WR 84/6 RUM JUNGLE	NOT IN USE	Investigation	1984-01-19	-12.9774664	131.0119973	MGA94	52	718244	8564495
RN023140	WR 84/D RUM JUNGLE		Investigation	1984-10-01	-12.97932609	131.0017275	MGA94	52	717128	8564298
RN023304	WR 84/H RUM JUNGLE		Investigation	1984-10-05	-12.97936922	131.0136991	MGA94	52	718427	8564283
RN023510	WR 84/Q RUM JUNGLE		Investigation	1984-11-08	-12.99196608	131.0115795	MGA94	52	718186	8562891
RN023511	WR 84/R RUM JUNGLE		Investigation	1984-11-08	-12.99255171	131.0118146	MGA94	52	718211	8562826
RN023512	WR 84/S RUM JUNGLE		Investigation	1984-11-08	-12.99348836	131.0122369	MGA94	52	718256	8562722
RN023513	WR 84/T RUM JUNGLE		Investigation	1984-11-08	-12.99384998	131.0122214	MGA94	52	718254	8562682
RN023514	WR 84/U RUM JUNGLE		Investigation	1984-11-09	-12.99631791	131.0074672	MGA94	52	717736	8562413
RN023516	WR 84/W RUM JUNGLE		Investigation	1984-11-09	-12.99046592	131.0010334	MGA94	52	717043	8563066

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN023517	WR 84/X RUM JUNGLE		Investigation	1984-11-09	-12.99038338	131.0011894	MGA94	52	717060	8563075
RN023519	WR 84/Z RUM JUNGLE		Investigation	1984-11-09	-12.98967108	131.0009717	MGA94	52	717037	8563154
RN023061	WR 85/15 RUM JUNGLE		Investigation	1984-12-11	-12.99535777	131.0065747	MGA94	52	717640	8562520
RN023790	WR 85/1 RUM JUNGLE		Investigation	1985-05-08	-12.98604073	131.0181396	MGA94	52	718903	8563541
RN023791	WR 85/2 RUM JUNGLE		Investigation	1985-05-08	-12.98698221	131.016774	MGA94	52	718754	8563438
RN023792	WR 85/3 RUM JUNGLE		Investigation	1985-05-09	-12.9871601	131.0148124	MGA94	52	718541	8563420
RN023793	WR 85/4 RUM JUNGLE		Investigation	1985-05-10	-12.98749765	131.0132392	MGA94	52	718370	8563384
RN023518	WR 84/Y RUM JUNGLE		Investigation	1985-11-09	-12.99002388	131.0009285	MGA94	52	717032	8563115
RN023051	WR 85/5 RUM JUNGLE		Investigation	1985-12-09	-12.98811992	131.0192346	MGA94	52	719020	8563310
RN023052	WR 85/6 RUM JUNGLE		Investigation	1985-12-09	-12.98811777	131.0195111	MGA94	52	719050	8563310
RN023053	WR 85/7 RUM JUNGLE		Investigation	1985-12-10	-12.98837248	131.0041224	MGA94	52	717380	8563295
RN023054	WR 85/8 RUM JUNGLE		Investigation	1985-12-10	-12.98754633	131.0057747	MGA94	52	717560	8563385
RN023055	WR 85/9 RUM JUNGLE		Investigation	1985-12-10	-12.98885957	131.0054166	MGA94	52	717520	8563240
RN023056	WR 85/10 RUM JUNGLE		Investigation	1985-12-10	-12.98930075	131.0068025	MGA94	52	717670	8563190

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN023057	WR 85/11 RUM JUNGLE		Investigation	1985-12-10	-12.99308033	131.0030543	MGA94	52	717260	8562775
RN023058	WR 85/12 RUM JUNGLE		Investigation	1985-12-10	-12.99321518	131.0031475	MGA94	52	717270	8562760
RN023059	WR 85/13 RUM JUNGLE		Investigation	1985-12-11	-12.99222286	131.0029091	MGA94	52	717245	8562870
RN023060	WR 85/14 RUM JUNGLE		Investigation	1985-12-11	-12.99241	131.0020812	MGA94	52	717155	8562850
RN023062	WR 85/16 RUM JUNGLE		Investigation	1985-12-11	-12.99454941	131.0059231	MGA94	52	717570	8562610
RN023063	WR 85/17 RUM JUNGLE		Investigation	1985-12-11	-12.99546024	131.0050088	MGA94	52	717470	8562510
RN023064	WR 85/18 RUM JUNGLE		Investigation	1985-12-12	-12.99483333	131.0042664	MGA94	52	717390	8562580
RN025163	RUM JUNGLE 87/4 RUM JUNGLE		Investigation	1987-06-11	-12.99734231	131.0117334	MGA94	52	718198	8562296
RN022418	WR 83/9 RUM JUNGLE		Investigation	1993-10-11	-12.99455866	131.004725	MGA94	52	717440	8562610
RN022036	NO 5 RUM JUNGLE		Monitoring Baseline	1983-05-26	-12.98815604	131.0145809	MGA94	52	718515	8563310
RN022083	NO 11 RUM JUNGLE		Monitoring Baseline	1983-06-05	-12.99522162	131.0124905	MGA94	52	718282	8562530

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Eastings	Northing
RN037710	Mines Department Of Resources		Monitoring Baseline	2010-11-11	-12.98773121	131.0197107	MGA94	52	719072	8563353
RN037711	Mines Department Of Resources		Monitoring Baseline	2010-11-11	-12.9872683	131.0188038	MGA94	52	718974	8563405
RN037712	Mines Department Of Resources		Monitoring Baseline	2010-11-11	-12.987506	131.0196167	MGA94	52	719062	8563378
RN037713	Mines Department Of Resources		Monitoring Baseline	2010-11-12	-12.99124915	131.0112604	MGA94	52	718152	8562971
RN037714	Mines Department Of Resources		Monitoring Baseline	2010-11-13	-12.99124879	131.0113064	MGA94	52	718157	8562971
RN037729	Mines Department Of Resources		Monitoring Baseline	2010-11-16	-12.98136283	131.0041215	MGA94	52	717386	8564071
RN037715	Mines Department Of Resources		Monitoring Baseline	2010-11-18	-12.99190356	131.0025932	MGA94	52	717211	8562906
RN037716	Mines Department Of Resources		Monitoring Baseline	2010-11-19	-12.99190434	131.0024919	MGA94	52	717200	8562906

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN037717	Mines Department Of Resources		Monitoring Baseline	2010-11-19	-12.98872397	131.0023742	MGA94	52	717190	8563258
RN037718	Mines Department Of Resources		Monitoring Baseline	2010-11-19	-12.98452358	130.9985712	MGA94	52	716781	8563726
RN037719	Mines Department Of Resources		Monitoring Baseline	2010-11-19	-12.98453247	130.9985897	MGA94	52	716783	8563725
RN037724	Mines Department Of Resources		Monitoring Baseline	2010-11-23	-12.98465891	131.0056409	MGA94	52	717548	8563705
RN037720	Mines Department Of Resources		Monitoring Baseline	2010-12-03	-12.98860146	131.0053684	MGA94	52	717515	8563269
RN037721	Mines Department Of Resources		Monitoring Baseline	2010-12-04	-12.98864921	131.005037	MGA94	52	717479	8563264
RN037722	Mines Department Of Resources		Monitoring Baseline	2010-12-11	-12.98741828	131.0029259	MGA94	52	717251	8563402
RN037723	Mines Department Of Resources		Monitoring Baseline	2010-12-11	-12.98740042	131.0028981	MGA94	52	717248	8563404

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN037725	Mines Department Of Resources		Monitoring Baseline	2010-12-11	-12.98430505	131.0069928	MGA94	52	717695	8563743
RN037726	Mines Department Of Resources		Monitoring Baseline	2010-12-11	-12.9883155	131.0014309	MGA94	52	717088	8563304
RN037727	Mines Department Of Resources		Monitoring Baseline	2010-12-11	-12.98475014	131.0055311	MGA94	52	717536	8563695
RN037728	Mines Department Of Resources		Monitoring Baseline	2010-12-11	-12.98139891	131.004131	MGA94	52	717387	8564067
RN037732	Mines Department Of Resources		Monitoring Baseline	2010-12-13	-12.98811522	131.0039637	MGA94	52	717363	8563324
RN037733	Mines Department Of Resources		Monitoring Baseline	2010-12-15	-12.98915407	131.0040273	MGA94	52	717369	8563209
RN037734	Mines Department Of Resources		Monitoring Baseline	2010-12-15	-12.98913791	131.0037784	MGA94	52	717342	8563211
RN034134	Dept of Mines And Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-16	-12.99017606	131.006275	MGA94	52	717612	8563094

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN034135	Dept of Mines and Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-16	-12.99005495	131.0055736	MGA94	52	717536	8563108
RN034136	Dept of Mines and Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-17	-12.9906578	131.004749	MGA94	52	717446	8563042
RN034137	Dept of Mines and Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-21	-12.99012902	131.0076847	MGA94	52	717765	8563098
RN034138	Dept of Mines and Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-21	-12.9910464	131.0059226	MGA94	52	717573	8562998
RN034139	Dept of Mines and energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-21	-12.99097659	131.0055995	MGA94	52	717538	8563006
RN035072	Dept of Mines and energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-22	-12.9917335	131.0035503	MGA94	52	717315	8562924
RN035073	Dept of Mines and Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-10-22	-12.99171542	131.0035502	MGA94	52	717315	8562926
RN035074	Dept of Mines and Energy (Rum Jungle Mine Site))		Monitoring Baseline	2012-10-22	-12.99146509	131.0078798	MGA94	52	717785	8562950

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN035079	Dept of Mines and Energy (Rum Jungle Mine Site)		Monitoring Baseline	2012-11-05	-12.98876064	131.0046509	MGA94	52	717437	8563252
RN000262	ARMY NO 140 S=2890	NOT IN USE	None	1944-07-22	-12.98165256	131.0222604	MGA94	52	719354	8564023
RN022542	WR 84/1 RUM JUNGLE	NOT IN USE	None	1984-01-11	-12.98874924	131.002144	MGA94	52	717165	8563255
RN035075	Dept of Mines and Energy (Rum Jungle Mine Site)	NOT IN USE	None	2012-10-23	-12.99155546	131.0078805	MGA94	52	717785	8562940
RN035076	Dept of Mines and Energy (Rum jungle Mine Site)	NOT IN USE	None	2012-10-24	-12.98872257	131.0048994	MGA94	52	717464	8563256
RN022543	WR 84/2 RUM JUNGLE		Observation	1984-01-14	-12.98899326	131.0033164	MGA94	52	717292	8563227
RN022546	WR 84/5 RUM JUNGLE	NOT IN USE	Observation	1984-01-18	-12.98939931	131.0069139	MGA94	52	717682	8563179
RN025160	RUM JUNGLE 87/1 RUM JUNGLE		Observation	1987-06-09	-12.99258685	131.0084418	MGA94	52	717845	8562825
RN025161	RUM JUNGLE 87/2 RUM JUNGLE		Observation	1987-06-10	-12.99470665	131.0089657	MGA94	52	717900	8562590

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN025162	RUM JUNGLE 87/3 RUM JUNGLE		Observation	1987-06-10	-12.99383565	131.0105715	MGA94	52	718075	8562685
RN025164	RUM JUNGLE 87/5 RUM JUNGLE		Observation	1987-06-11	-12.99746511	131.0087114	MGA94	52	717870	8562285
RN025165	RUM JUNGLE 87/6 RUM JUNGLE		Observation	1987-06-11	-12.99819343	131.008026	MGA94	52	717795	8562205
RN025168	RUM JUNGLE 87/9 RUM JUNGLE		Observation	1987-06-11	-12.99656412	131.0141879	MGA94	52	718465	8562380
RN025169	RUM JUNGLE 87/10 RUM JUNGLE		Observation	1987-06-11	-12.99127254	131.0089381	MGA94	52	717900	8562970
RN025170	RUM JUNGLE 87/11 RUM JUNGLE		Observation	1987-06-11	-12.99182688	131.0073758	MGA94	52	717730	8562910
RN025171	RUM JUNGLE 87/12 RUM JUNGLE		Observation	1987-06-11	-12.99097476	131.0065395	MGA94	52	717640	8563005
RN025172	RUM JUNGLE 87/13 RUM JUNGLE		Observation	1987-06-12	-12.99368697	131.006423	MGA94	52	717625	8562705

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Eastings	Northing
RN025173	RUM JUNGLE 87/14 RUM JUNGLE		Observation	1987-06-12	-12.99315321	131.005322	MGA94	52	717506	8562765
RN029990	RUM JUNGLE OBSERVATION		Observation	1995-05-24	-12.99050154	131.0128026	MGA94	52	718320	8563052
RN029991	RUM JUNGLE OBSERVATION		Observation	1995-05-24	-12.99050154	131.0128026	MGA94	52	718320	8563052
RN029992	RUM JUNGLE OBSERVATION		Observation	1995-05-24	-12.99072875	131.0126386	MGA94	52	718302	8563027
RN029993	RUM JUNGLE OBSERVATION		Observation	1995-05-25	-12.99124194	131.0128916	MGA94	52	718329	8562970
RN029994	RUM JUNGLE OBSERVATION		Observation	1995-05-25	-12.99184428	131.0133019	MGA94	52	718373	8562903
RN029995	RUM JUNGLE OBSERVATION		Observation	1995-05-25	-12.99333408	131.0123186	MGA94	52	718265	8562739
RN029996	RUM JUNGLE OBSERVATION		Observation	1995-05-29	-12.99225003	131.013425	MGA94	52	718386	8562858
RN029997	RUM JUNGLE OBSERVATION		Observation	1995-05-29	-12.99678301	131.0069272	MGA94	52	717677	8562362
RN029998	RUM JUNGLE OBSERVATION		Observation	1995-05-29	-12.99502202	131.0090881	MGA94	52	717913	8562555
RN029999	RUM JUNGLE OBSERVATION		Observation	1995-05-30	-12.99497343	131.0083596	MGA94	52	717834	8562561
RN030000	RUM JUNGLE OBSERVATION		Observation	1995-06-01	-12.99497343	131.0083596	MGA94	52	717834	8562561
RN030001	RUM JUNGLE OBSERVATION		Observation	1995-06-01	-12.99440374	131.0084011	MGA94	52	717839	8562624

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Eastings	Northing
RN030002	RUM JUNGLE OBSERVATION		Observation	1995-06-02	-12.99594063	131.0071692	MGA94	52	717704	8562455
RN030003	RUM JUNGLE OBSERVATION		Observation	1995-06-02	-12.99491381	131.0067186	MGA94	52	717656	8562569
RN030004	RUM JUNGLE OBSERVATION		Observation	1995-06-02	-12.993602	131.0068924	MGA94	52	717676	8562714
RN000259	ARMY NO 138 S=2890		Production	1944-07-02	-12.97937718	131.0138374	MGA94	52	718442	8564282
RN000261	ARMY NO 139 S=2890		Production	1944-07-08	-12.97941513	131.0159388	MGA94	52	718670	8564276
RN000286	ARMY NO 172 S=2890	NOT IN USE	Production	1944-08-05	-12.97957884	131.0239486	MGA94	52	719539	8564251
RN022548	WR 84/7 RUM JUNGLE		Production	1984-01-28	-12.9772668	131.0120971	MGA94	52	718255	8564517
RN023413	WR 84/J RUM JUNGLE		Production	1984-11-07	-12.9877667	131.0204944	MGA94	52	719157	8563348
RN023414	WR 84/K RUM JUNGLE		Production	1984-11-07	-12.9878722	131.0208731	MGA94	52	719198	8563336
RN023415	WR 84/L RUM JUNGLE		Production	1984-11-07	-12.98796035	131.0211595	MGA94	52	719229	8563326
RN023416	WR 84/M RUM JUNGLE		Production	1984-11-07	-12.98804326	131.0209574	MGA94	52	719207	8563317
RN023417	WR 84/N RUM JUNGLE		Production	1984-11-07	-12.98798251	131.0206343	MGA94	52	719172	8563324
RN023418	WR 84/O RUM JUNGLE		Production	1984-11-07	-12.98801206	131.0203212	MGA94	52	719138	8563321

Bore No	Bore Name	Status	Purpose	Drilling Completion Date	Latitude	Longitude	Datum	Zone	Easting	Northing
RN023419	WR 84/ RUM JUNGLE		Production	1984-11-08	-12.98814044	131.0200827	MGA94	52	719112	8563307
RN023420	WR 84/P RUM JUNGLE		Production	1984-11-08	-12.98835439	131.0204623	MGA94	52	719153	8563283
RN025166	RUM JUNGLE 87/7 RUM JUNGLE		Production	1987-06-11	-12.99948456	131.0105249	MGA94	52	718065	8562060
RN025167	RUM JUNGLE 87/8 RUM JUNGLE		Production	1987-06-11	-12.99928132	131.0134264	MGA94	52	718380	8562080
RN035077	Dept of Mines and Energy (Rum Jungle Mine Site)		Production	2012-10-31	-12.98868514	131.005065	MGA94	52	717482	8563260

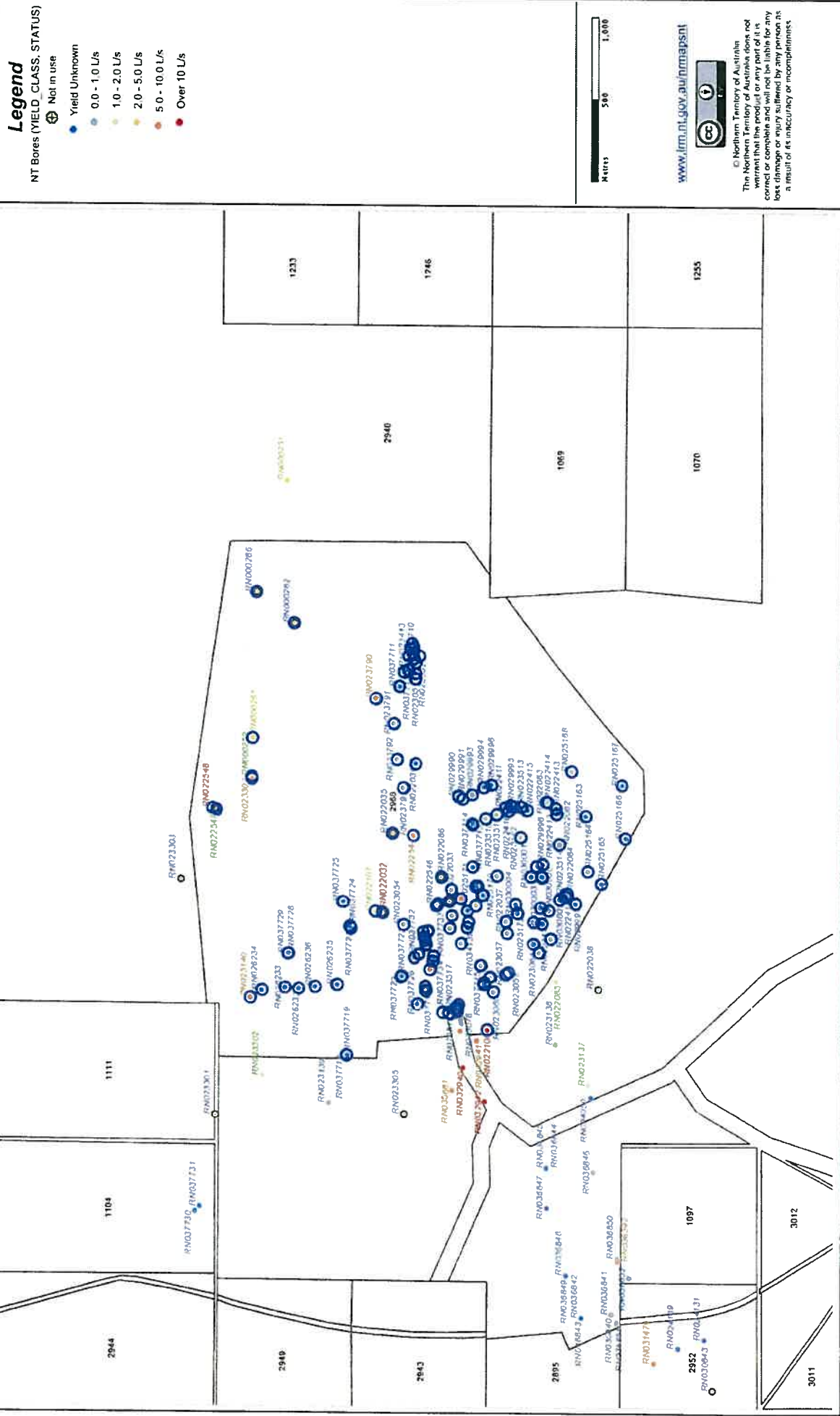
Surface Water Monitoring Sites – Section 2968

Station	Station Name	Monitor Type	Commence	Cease	Latitude	Longitude	Water Data Portal
G8150202	TAILINGS CREEK AT DOWNSTREAM TAILINGS DAM + ANSTO EB51	River Height Gauge	1981	1983	-12.9803	131.002	http://www.irm.nt.gov.au/water/data-portal?ppbm=G8150202&dwhsw&1&dw_hswdf_org
G8150205	WHITES OVERBURDEN DRAIN AT RUM JUNGLE REHABILITATION	River Height Gauge	1985	1988	-12.9936	131.0112	http://www.irm.nt.gov.au/water/data-portal?ppbm=G8150205&dwhsw&1&dw_hswdf_org
G8150212	EAST FINNISS RIVER AT INTERMEDIATE OUTFLOW- R.JUNGLE	River Height Gauge	1994	1998	-12.9912	131.0014	http://www.irm.nt.gov.au/water/data-portal?ppbm=G8150212&dwhsw&1&dw_hswdf_org
G8150213	EAST FINNISS RIVER AT WHITES INFLOW	River Height Gauge	1994	1998	-12.9902	131.011	http://www.irm.nt.gov.au/water/data-portal?ppbm=G8150213&dwhsw&1&dw_hswdf_org

Station	Station Name	Monitor Type	Commence	Cease	Latitude	Longitude	Water Data Portal
G8150215	DYSONS DRAIN AT SITE 6	River Height Gauge	1997	1998	-12.9852	131.0184	http://www.lrm.nt.gov.au/water/water-data-portal?ppbm=G8150215&dwhsw&1&dw_hswdf_org
G8150217	WHITES SEEPAGE AT SITE 2	River Height Gauge	1995	1997	-12.9929	131.0117	http://www.lrm.nt.gov.au/water/water-data-portal?ppbm=G8150217&dwhsw&1&dw_hswdf_org

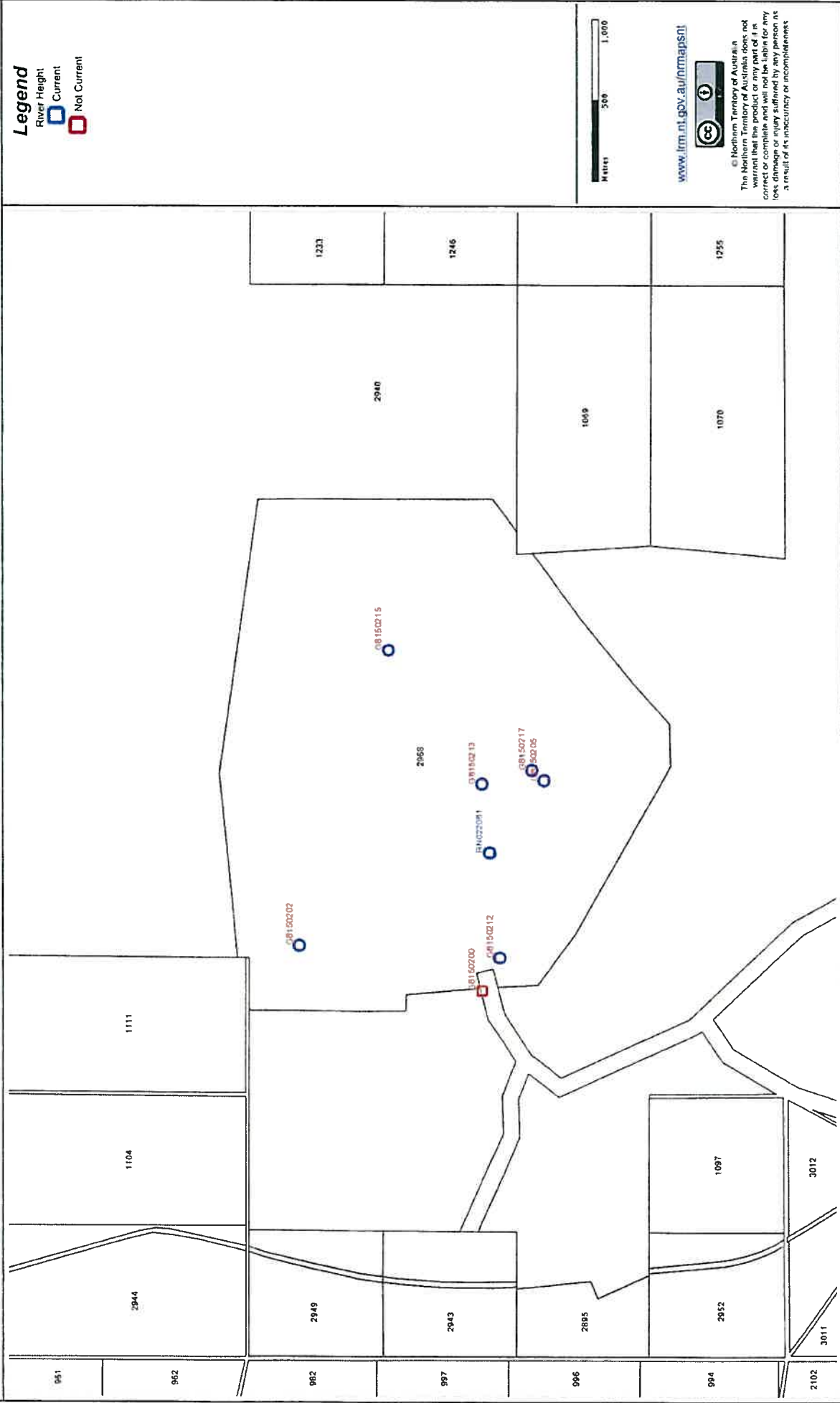
NR MAPS

Bores - S2968



NR MAPS

Surface Water Monitoring Sites - S2968



Section A



Map Center: 134° 8' 38.8" E, 14° 47' 1.8" S

Created by TNAVJ
 Bottom Left: -14° 47' 10", 134° 08' 24" Top Right: -14° 46' 52", 134° 08' 52" Approximate Scale: 1:3,200 Datum: GDA 1994
 Data for information purposes only - accuracy not guaranteed
 N.T. Land Information System Copyright Northern Territory of Australia

BEFORE THE ABORIGINAL LAND COMMISSIONER
THE HONOURABLE JUSTICE P R A GRAY

file copy

IN THE MATTER of the *Aboriginal Land
Rights (Northern Territory) Act 1976*

AND:

IN THE MATTER of the Carpentaria
Downs/Balbirini Land Claim (No. 160)

**STATEMENT OF KENNETH WILLIAM GRATTAN
DATED 30 OCTOBER 1998**

I, Kenneth William Grattan, of 29 Croker Street, Nakara, say as follows:-

1. I am the Planning Manager, Road Development Division, Department of Transport and Works, a position which I have held, in its various guises, since 1991.
2. I am responsible for all forward works planning and strategic planning for the Northern Territory road network. This encompasses:-
 - (a) developing strategies for future road development;
 - (b) interactive planning (ie reconciling road requirements with other land use planning issues e.g. land development and future land use, native title and *Aboriginal Land Rights (Northern Territory) Act* issues, etc);
 - (c) identifying and liaising with stakeholders and other interest groups;
 - (d) in consultation with others, formulating policy for management of the road network (e.g. in respect of access, control, future requirements, etc).

3. I graduated with a Bachelor of Engineering (Civil) from the University of Queensland (St Lucia) in 1970 having completed the course requirements in 1969.
4. I have been with the Department of Transport and Works since 1970 (then the Commonwealth Department of Works) and in the roads area since 1972. From 1972 to 1991 I held various positions including Design Engineer, Materials Engineer, Traffic Engineer, Advanced Planning Engineer and Chief Engineer (Road Design).
5. I have represented the Northern Territory on various national working groups convened by Austroads (formerly the National Association of Australian State Road Authorities (NAASRA)) and the Australian Transport Council. Austroads is the association of Australian and New Zealand road transport and traffic authorities. It seeks effective management and safe use of roads through development and promotion of nationally uniform practices. Membership of Austroads is comprised of representatives of the six Australian State and two Territory road transport and traffic authorities, the Commonwealth Department of Transport and Regional Development, the Australian Local Government Association and Transit New Zealand. I have also sat on numerous inter-departmental working groups.
6. The Department has two distinct policies relevant for present purposes, one going to the functional classification of roads and the other on the width of road reserves required for each classification.

System of Road Classification

7. Roads are classified according to function and use which in turn governs the level of control applied by the Department (i.e. reserve width, access, safety etc).
8. In December 1970 NAASRA recommended the widespread adoption of a 5 tier system of rural road classification. Annexed hereto and marked "KG/1" is a copy of a table showing the NAASRA classifications. Soon thereafter, the Territory adopted the NAASRA system by assigning every road in the rural network a number between 1 and 5 in accordance with that system. The

NAASRA classifications form the basis of the Department's database, the Road Information Management System.

9. However, in the Territory it is common to refer to rural roads as falling within one of three classifications: National Highway, Rural Arterial or Local. This terminology originated from the late 1970s when road funding for the States and Territories was determined by reference to these 3 categories (see the reference to the *Road Grants Act* in paragraph 11 below). The 3 tier system of road classification is used by reference to, and therefore is intended to be consistent with, the NAASRA system. That is:-

Northern Territory	NAASRA Equivalent
National Highway	1
Rural Arterial	2 & 3
Local	4 & 5

10. In accordance with the 1970 NAASRA classification, and the 3 tier system subsequently adopted by the Territory, the following roads in the Territory had the following classification from 1970:-

National Highway	Rural Arterial
Stuart Highway	Arnhem Highway
Victoria Highway	Delamere Road
Barkly Highway	Buchanan Highway
	Carpentaria Highway
	Tablelands Highway
	Plenty Highway
	Tanami Road

In addition, the Kakadu Highway was classified as Rural Arterial following its upgrade in the early 1980s. Delamere Road and part of the Buchanan Highway have now been re-named the Buntine Highway. All other public roads were classified Local roads. Annexed hereto and marked "KG/2" is a copy of a map published by the Department of Transport and Works in 1986 entitled "Northern Territory Road Classification".

11. In addition, by declaration dated 21 August 1980, the Arnhem Highway, Delamere Road, Buchanan Highway, Carpentaria Highway, Tablelands Highway, Plenty Highway and Tanami Road were declared "rural arterial roads" for the purposes of the *Roads Grants Act* 1974 (Cth). Annexed hereto

and marked "KG/3" is a copy of a map titled "Declaration of Rural Arterial Roads Northern Territory" dated 21 August 1980.

12. From 1995 to mid-1996 the Road Development Division of the Department of Transport and Works undertook a review of classifications to reflect the change in function and use of certain roads in the Territory. As a result of that review, the following roads now have the following classification:-

National Highway	Rural Arterial
Stuart Highway	Arnhem Highway
Victoria Highway	Cox Peninsula Road
Barkly Highway	Kakadu Highway
	Central Arnhem Road
	Buntine Highway
	Carpentaria Highway (extending to Borroloola)
	Tableland Highway
	Plenty Highway
	Tanami Road
	Lasseter Highway

Again, all other public roads are classified Local roads. Annexed hereto and marked "KG/4" is the current map published by the Department of Transport and Works (in conjunction with the Department of Lands, Planning and Environment and the Tourist Commission) showing the 3 tiers of classified roads.

Road Reserve Policy

13. In late 1988, the Department adopted a 3 tier road reserve policy for rural roads to reflect the system of classification and the requirements of the Department in respect of each type of road. That policy on the width of road reserves is as follows:-

Classification	Road Reserve Width
National Highway	200 metres
Rural Arterial Road	150 metres
Local	100 metres

14. The rationale for the road reserve policy has been explained in evidence in previous land claim hearings (and particularly in Warumungu Land Claim No. 22 and Central Mount Wedge No. 154). Briefly, the Department requires these minimum widths to allow for:-

- (a) seal and shoulders (main carriageway and service roads where required);
- (b) road maintenance, construction and future upgrades;
- (c) access roads for those purposes;
- (d) construction and maintenance of drains (table drains, offlet and diversion drains);
- (e) construction and maintenance of road infrastructure (e.g. signage, bollards etc);
- (f) construction and maintenance of rest areas and associated infrastructure (e.g. access roads, facilities such as shelters, tables, rubbish bins etc);
- (g) detours during maintenance and construction;
- (h) stockpiling of materials required for construction and maintenance (e.g. gravel, sealing aggregate; crusher fines);
- (i) buffers from adjoining improvements (e.g. fences, buildings);
- (j) services (including telecommunications, gas, power and water);
- (k) minor road re-alignment (e.g. easing of curves).

15. The designated widths of road reserves are considered the minimum required to effectively manage the road network and to accommodate future needs. The former policy was to seek 100 metre road reserves for all roads irrespective of their classification. This proved inadequate in the case of National Highways and Rural Arterial Roads. Progressive development had occurred and road upgrading was necessary, particularly in the cases of the Stuart and Arnhem Highways, hence the adoption of the current policy.

16. The Department can only implement its policy when the opportunity arises, that is:-
- (a) as part of land developments (e.g. subdivisions) adjoining the road (usually by way of surrender);
 - (b) specific acquisition of land for road purposes under the *Lands Acquisition Act*;
 - (c) by way of submission to the Aboriginal Land Commissioner in the course of inquiries under the *Aboriginal Land Rights (Northern Territory) Act*; and
 - (d) upon conversion of pastoral leases to perpetual pastoral leases.
17. Whatever the means of implementation, it is necessary in all cases to make a reasonable assessment of current and future needs, particularly in the *Aboriginal Land Rights (Northern Territory) Act* context given the inability to acquire land if the surrounding land should become Aboriginal land.

Carpentaria and Tablelands Highway

18. Both the Carpentaria Highway and the Tablelands Highway are classified Rural Arterial but are within 100 metre, rather than 150 metre, wide road reserves through the claim area. The Department therefore seeks a widening of current road reserves for each from 100 metres to 150 metres (75 metres either side of the centre line) in accordance with their classifications. It is unlikely that either will reach a higher classification in the future and therefore 150 metres is considered a reasonable width to accommodate current and future needs.
19. It appears that some sections of the Carpentaria and Tablelands Highway road reserves have not been widened because an opportunity has not yet arisen to do so and, in the case of Carpentaria Downs, because the Department's road reserve policy was implemented subsequent to application being made for conversion to perpetual pastoral lease. Annexed hereto and marked "KG/5" is a copy of a letter from the Department to the Department of Lands and Housing seeking the exclusion of 100 metre road reserves upon

conversion in accordance with the policy of the time. It seems that upon implementation of the current policy in late 1988, the Department did not, whether due to an administrative oversight or lack of resources, reconsider exclusions previously sought prior to the issue of perpetual lease titles.

20. Nevertheless, the Department has, since 1988, sought an exclusion of 150 metre road reserves for Rural Arterial roads wherever possible. In particular, when the *Pastoral Land Act* came into operation in 1992 (under which approximately 70% of pastoral properties were converted to perpetual pastoral leases), the Department took the opportunity to seek a widening of all road reserves where necessary, including several along the length of the Carpentaria Highway.
21. Of the seven pastoral properties traversed by the Carpentaria Highway (including Carpentaria Downs and Balbirini) five now have 150 metre wide road reserves as a result of the implementation of the Department's policy. Annexed hereto and marked "KG/6" to "KG/10" inclusive are copies of title searches of Kalala (PPL 1064), Shenandoah (PPL 1141), Amungee Mungee (PPL 1100), Tanumbirini (PPL 1060) and Beetaloo (PPL 1059) showing 150 metre road reserves.
22. The Tablelands Highway also traverses seven properties: Balbirini, Mallapunyah Springs, Walhallow, Anthony Lagoon, Brunette Downs, Alroy Downs and Dalmore Downs. Of these, only Mallapunyah Springs (the property immediately south of Balbirini) has a 150 metre road reserve as a result of the Department's current policy (upon conversion to perpetual pastoral lease under the *Pastoral Land Act*). Annexed hereto and marked "KG/11" is a copy of a title search of Mallapunyah Springs (PPL 1075) showing that a 150 metre strip of land was surrendered on 26 May 1997 "for the purposes of road widening". Unlike Mallapunyah Springs, Balbirini was not scheduled for conversion to perpetual pastoral lease and therefore its road reserve remains at 100 metres. Of the others, I am advised by the Department of Lands, Planning and Environment that they had either been converted prior to the implementation of the Department's current policy (ie. Brunette Downs, Alroy Downs and Dalmore Downs), or were in the process of being converted when the policy was implemented (ie. Walhallow

and Anthony Lagoon). Accordingly these road reserves remain at a width of 100 metres.

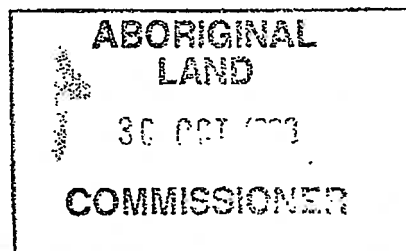
23. While these widenings have not yet occurred, the process of implementation is ongoing, the Department's objective being to have uniform road reserve widths across the entire road network.
24. As to fences and other improvements within widened road reserves, the Department has a flexible approach designed to cause minimum disruption or expense to adjoining land holders. The Department is prepared to allow fences and other encroachments to remain at current offsets where such infrastructure does not interfere with maintenance and construction operations. In the normal course, the Department will only require fences and other improvements to be re-aligned when existing fences require replacement or renewal in any event (e.g. where fences reach the end of their economic life). In exceptional circumstances, the Department may require access to the widened road reserve in which case segments of fences will be re-aligned, usually at the Department's expense.

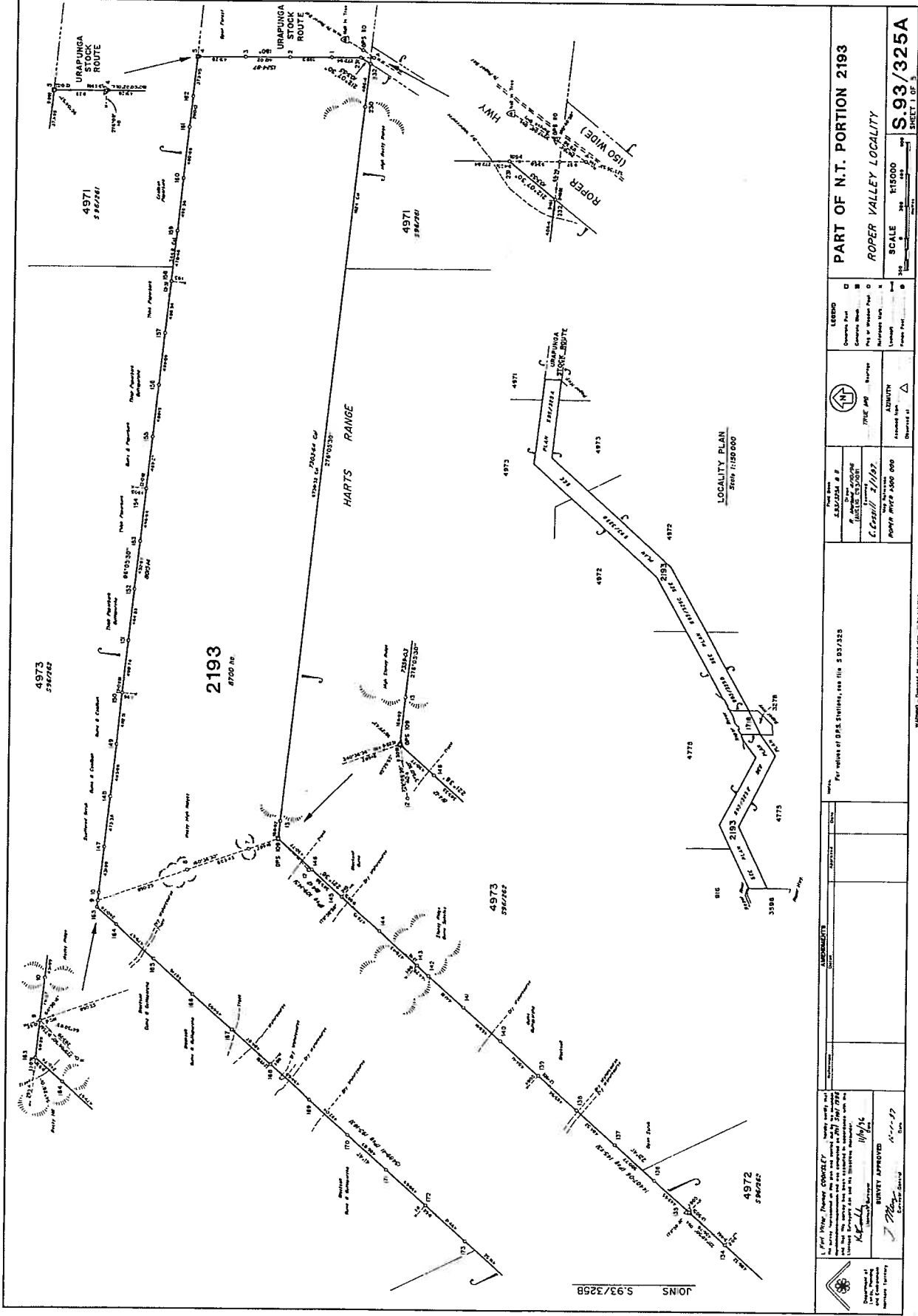
SIGNED:



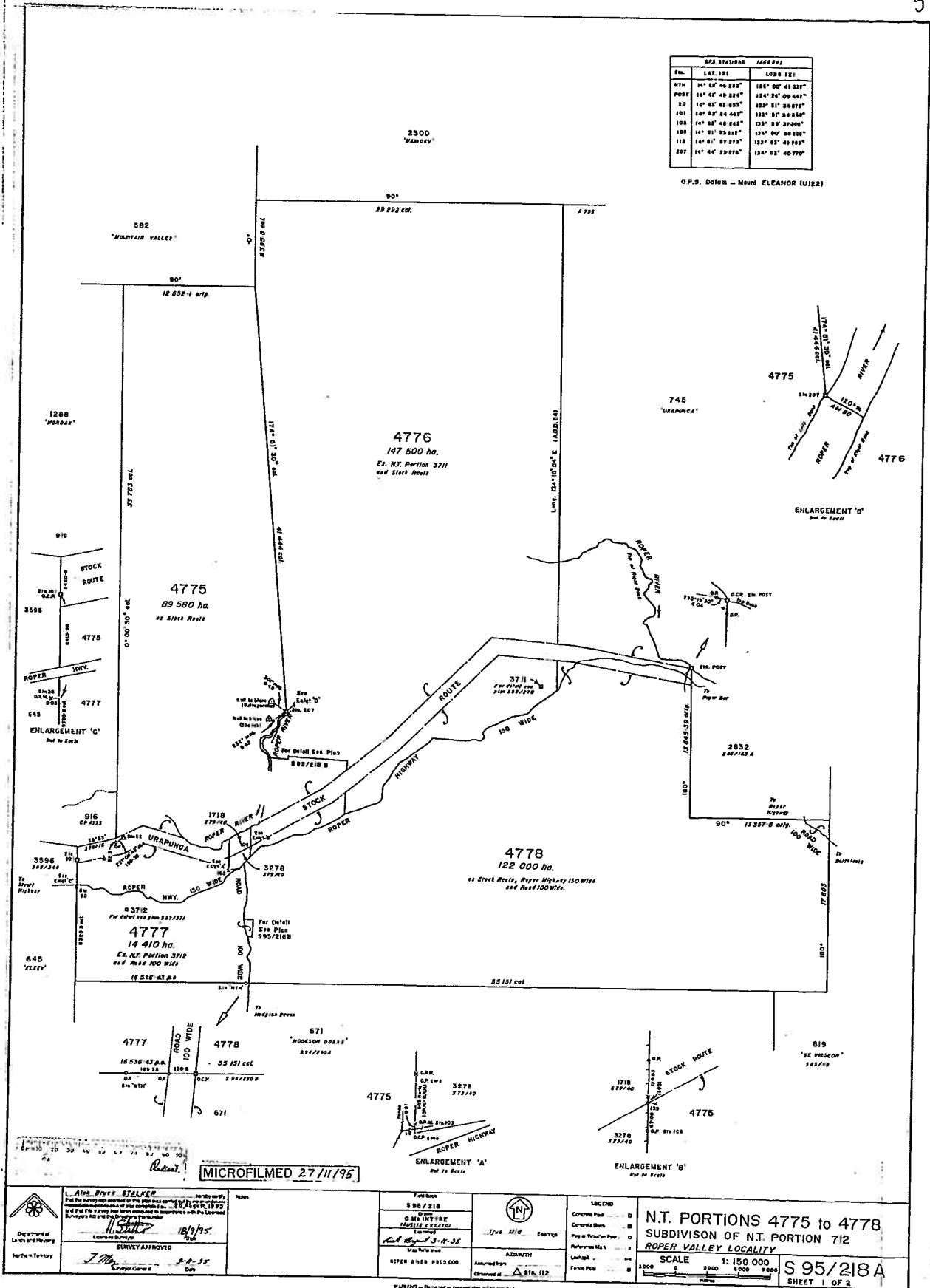
Kenneth William Grattan

DATED: 30 October 1998





Warning: Download or printed plan will be voided.



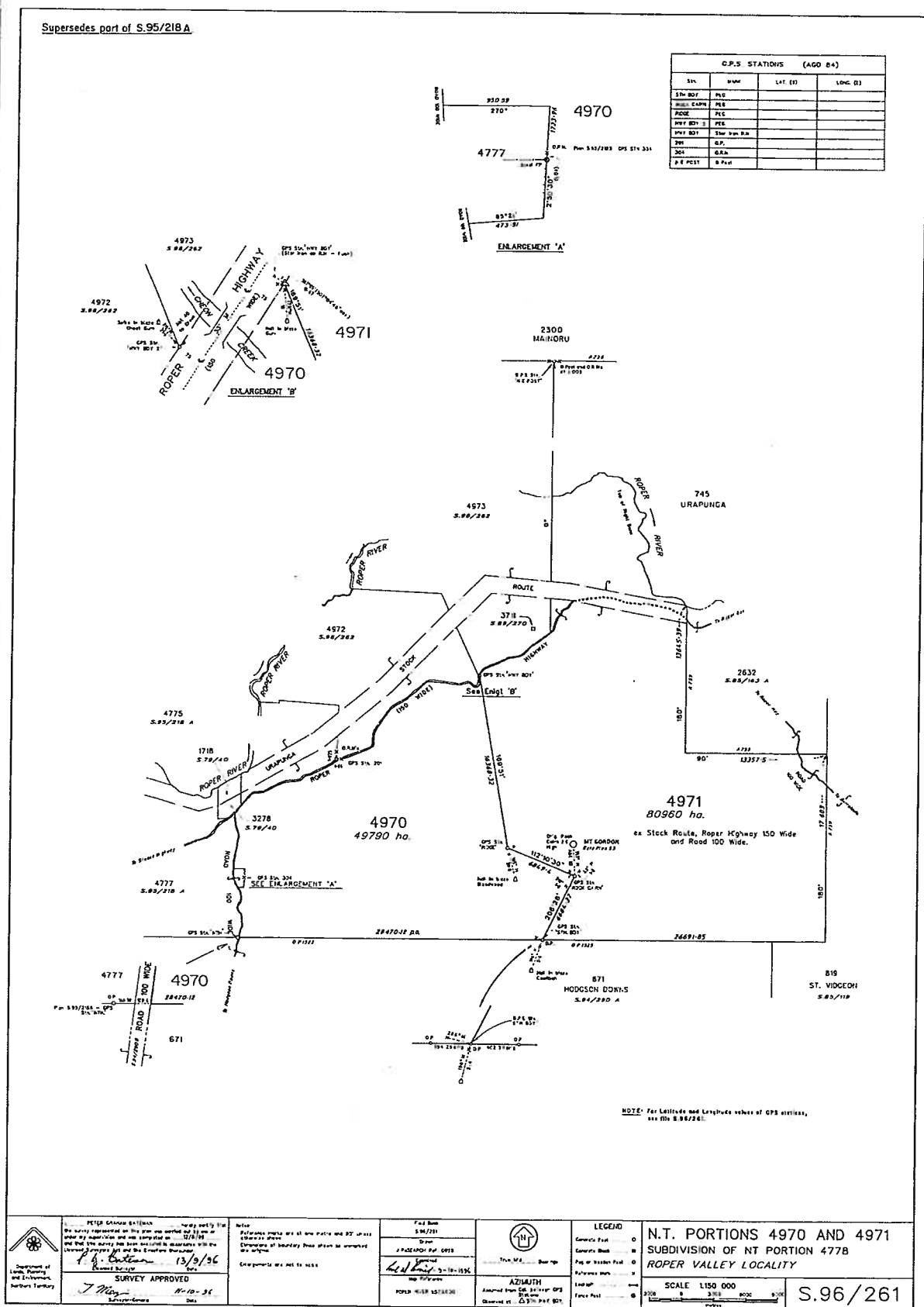
O.P.S. STATIONS (1888/89)			
Sta.	Lat. 1881	Long. 1881	
9718	10° 52' 46.215"	124° 00' 41.213"	
9021	10° 01' 49.215"	124° 00' 00.417"	
80	10° 02' 41.933"	123° 51' 26.872"	
101	10° 02' 44.448"	123° 51' 30.449"	
103	10° 02' 49.042"	123° 51' 37.908"	
100	10° 01' 33.811"	124° 00' 00.411"	
112	10° 01' 07.215"	123° 51' 43.948"	
107	10° 44' 23.876"	124° 01' 40.770"	

O.P.S. Datum - Mount ELEANOR (1182)

MICROFILMED 27/11/95

<p>L. Alan ROY & STALKER 18/9/95 18/9/95</p>	<p>Survey Approved J. M. [Signature] 2-8-95</p>	<p>Full Size S 95/218</p>		<p>LEGEND Concrete Post Concrete Block Peg in Wood or Post Reference Mark Cuckoo Terra Pin</p>	<p>N.T. PORTIONS 4775 to 4778 SUBDIVISION OF N.T. PORTION 712 ROPER VALLEY LOCALITY</p>

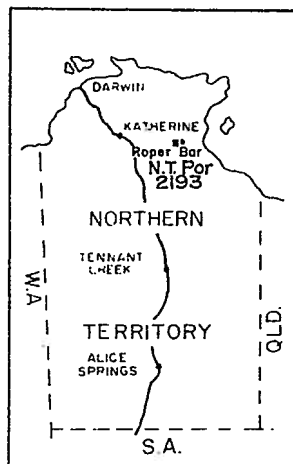
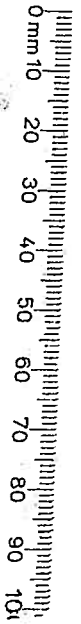
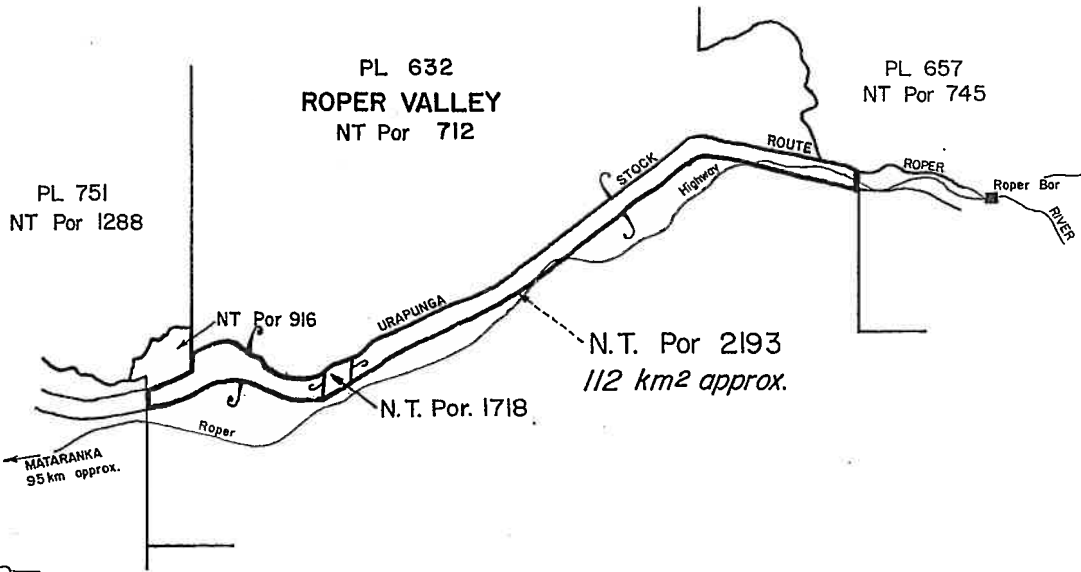
WARNING - Do not rely on this map until it is replaced



NORTHERN TERRITORY LAND AVAILABLE FOR LEASING PART URAPUNGA STOCK ROUTE

Excluding all Public Roads to a Width of 100 Metres

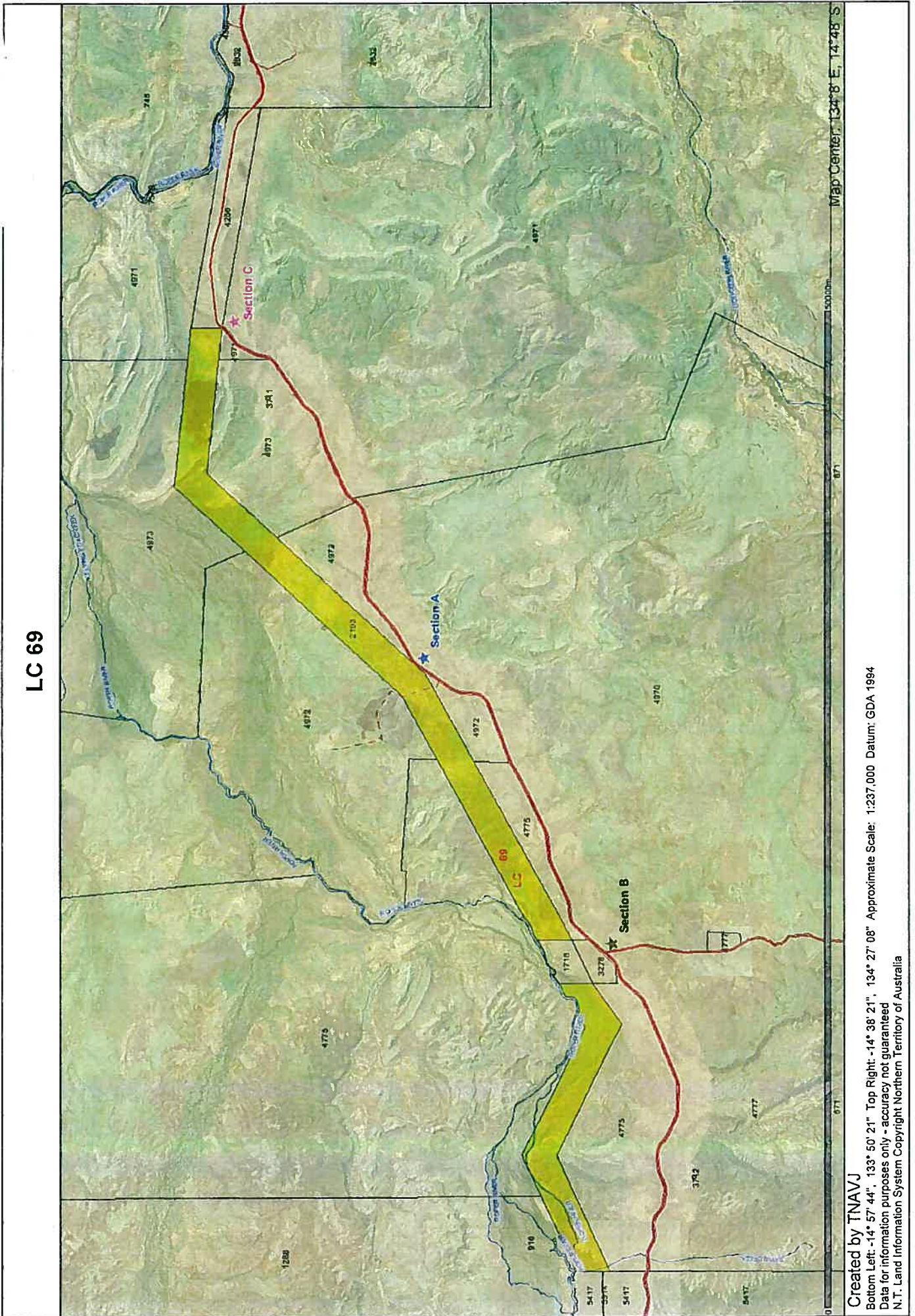
& N.T. Por. 1718
Scale 1:500 000



LOCALITY SKETCH

CP 4485A
S 81/1117

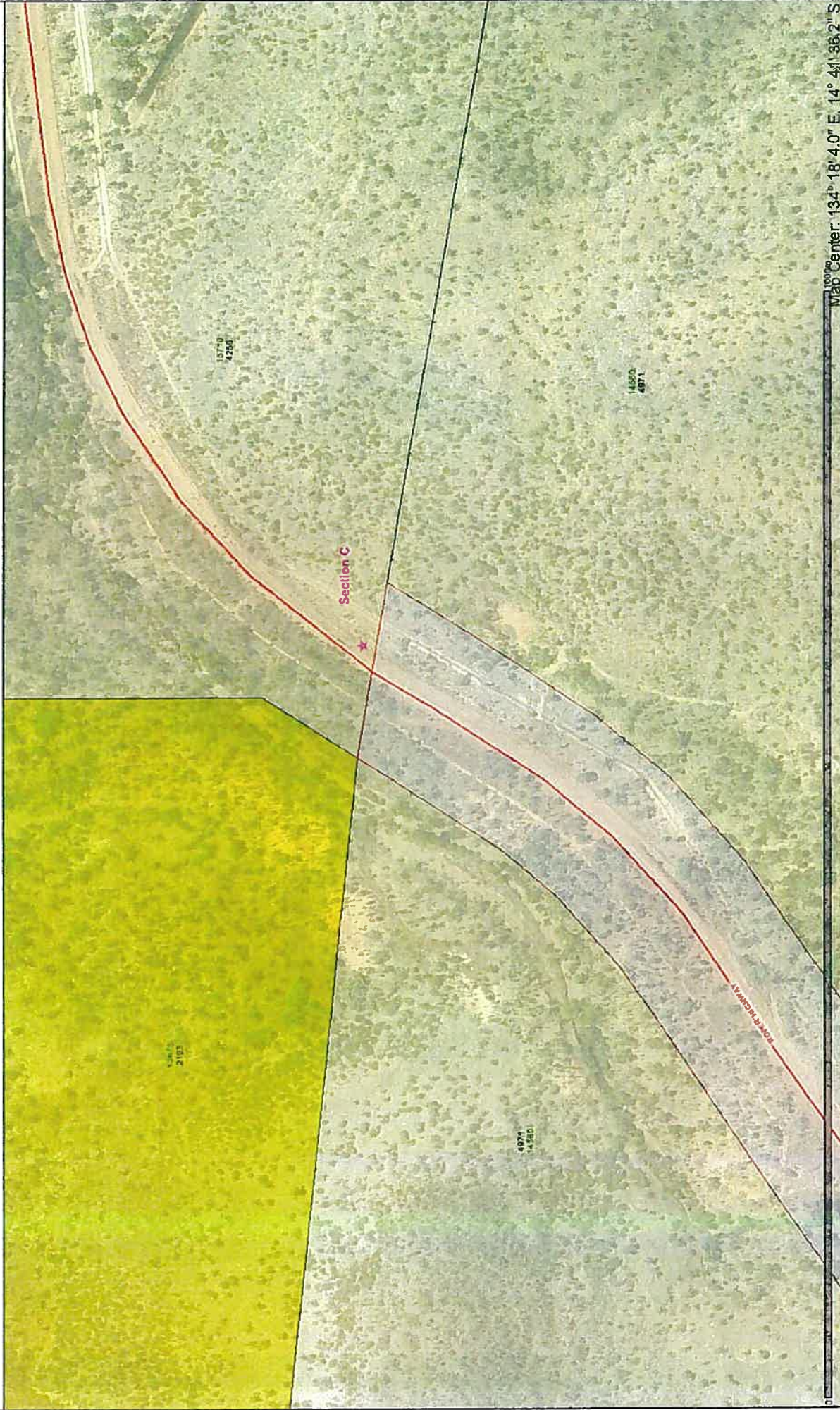
Ratians



LC 69

Created by TNAVJ
Bottom Left: -14° 57' 44", 133° 50' 21" Top Right: -14° 38' 21", 134° 27' 08" Approximate Scale: 1:237,000 Datum: GDA 1984
Data for information purposes only - accuracy not guaranteed
N.T. Land Information System Copyright Northern Territory of Australia

Attachment D



Created by TNAVJ

Bottom Left: -14° 41' 47", 134° 18' 17' 42" Top Right: -14° 41' 24", 134° 18' 25" Approximate Scale: 1:4,500 Datum: GDA 1994

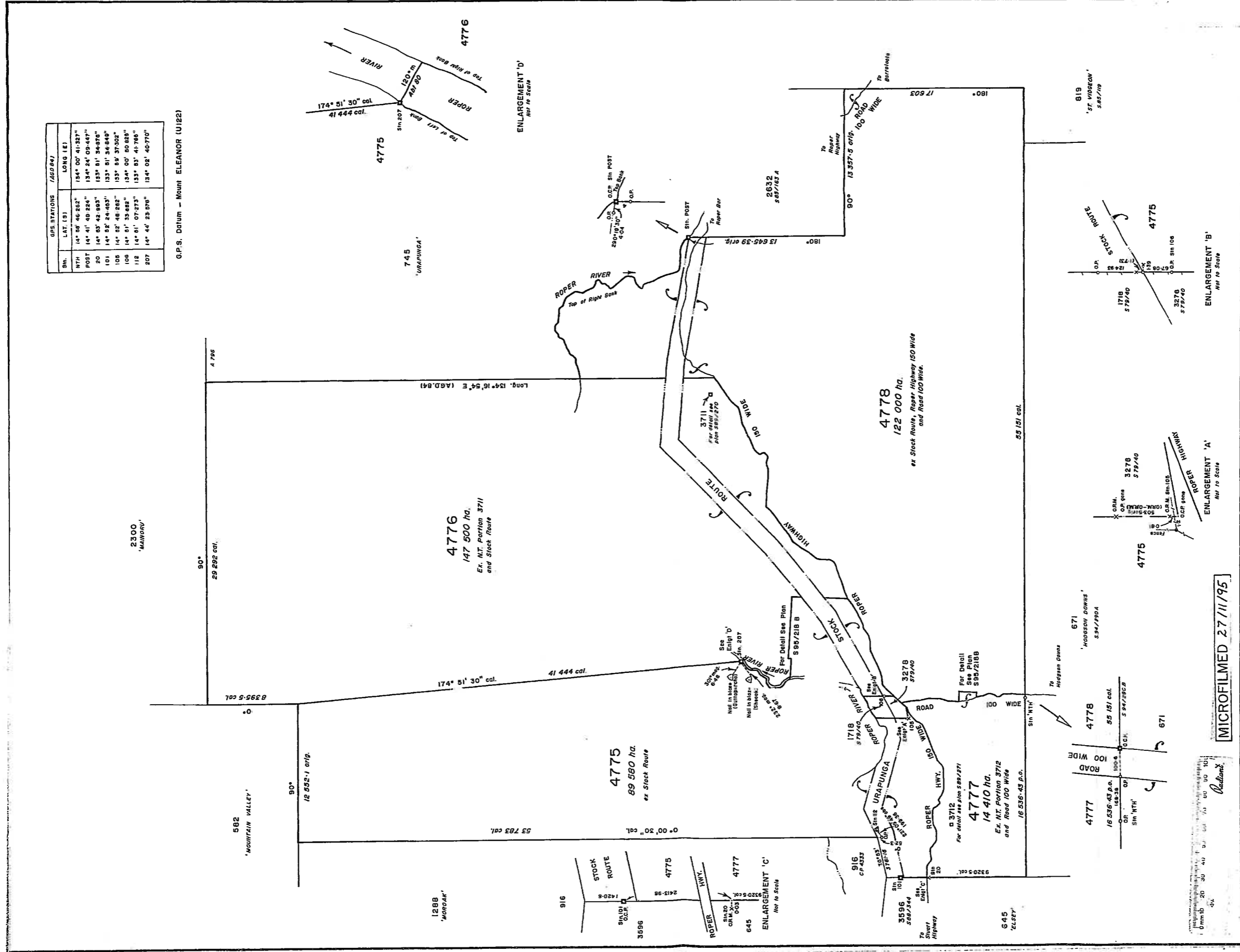
Data for information purposes only - accuracy not guaranteed

N.T. Land Information System Copyright Northern Territory of Australia

5

GPS STATIONS (AGDB4)	
Stn.	LONG (E)
WTH POST	134° 00' 41.327"
101	134° 24' 09.447"
102	133° 51' 54.976"
103	133° 51' 54.849"
104	133° 58' 37.502"
105	134° 00' 00.828"
106	133° 58' 41.788"
107	134° 02' 40.770"

G.P.S. Datum - Mount ELEANOR (U182)



LEGEND

- Concrete Post
- Concrete Block
- Peg or Wooden Post
- Lockpin
- Reference Mark
- Fixed Post

Field Book
S 95 / 218
G.M.C. INTYRE
J.A.S.L.G. C.S. / S.D.

Map Reference
Roper River 1:500 000
Roper Valley Locality
Scale 1:150 000

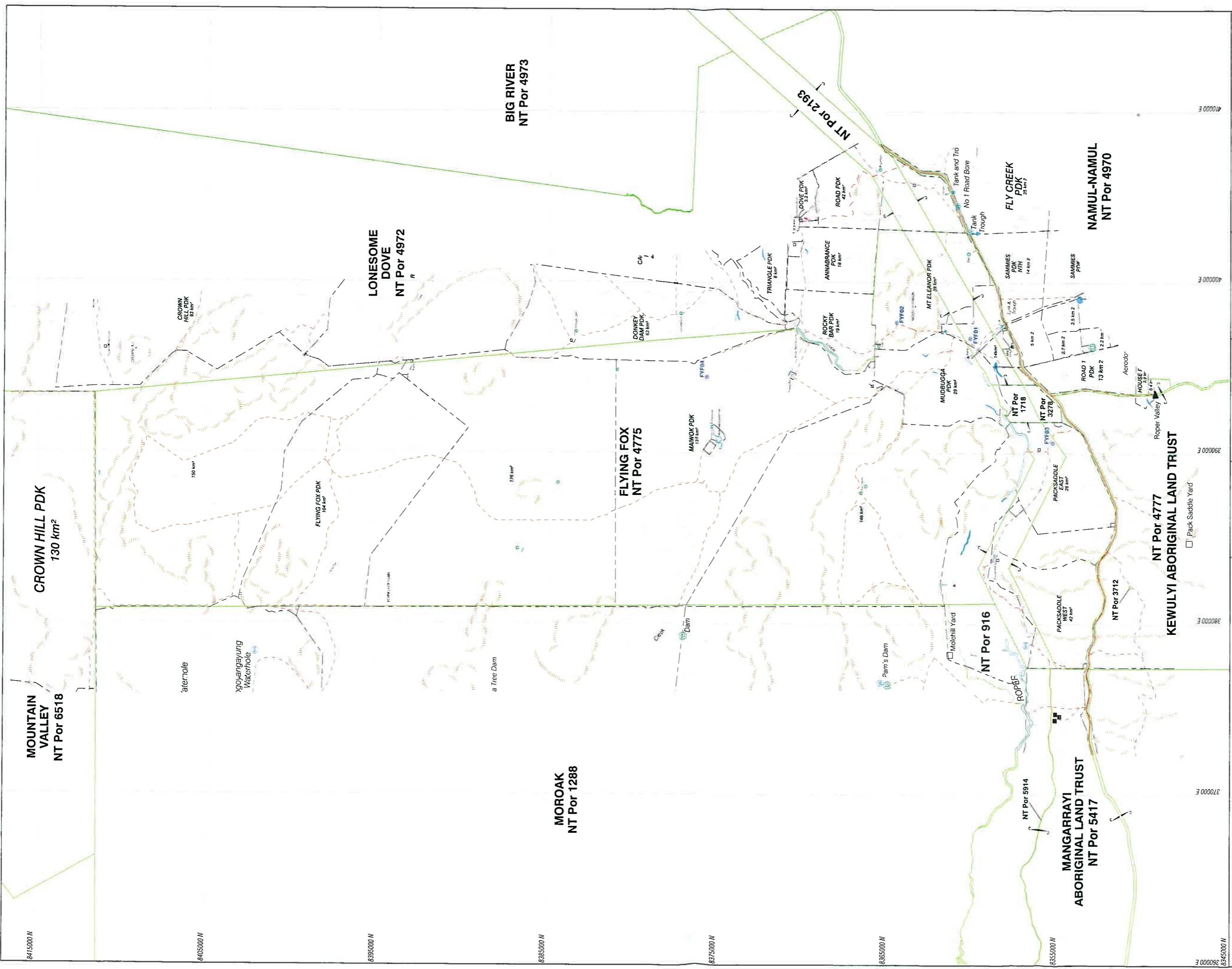
Notes
This survey was carried out in accordance with the Land and Survey Act 1988 and the survey has been checked in accordance with the Licensed Surveyors Act 1985.

Survey Approved
18/9/95
J. Stalker
Licensed Surveyor

Surveyor's Details
Name: J. Stalker
Date: 9-11-95

Department of Land and Housing Northern Territory

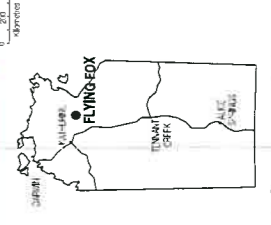
WARNING - Damaged or crossed plan will be rejected



RANGELAND MONITORING SITES

- FYE01 2 km NESE of Homestead
- FYE02 1 km NW of Mount Eleanor
- FYE03 1.5 km South of Duck Ponds / Roper River
- FYE04 3 km East of Buffalo Hills

- LEGEND**
- Highway Unsealed
 - Road
 - Road Project
 - Railway
 - Cadastral Boundary
 - Fence
 - Water Hole
 - Dam
 - Dam Site
 - Lake
 - Watercourse
 - Original Homestead Site
 - Dispersed Community Area
 - Homestead B. B. B. G. B. G.
 - Dam/Trough/Pond Out-Pick
 - Station/Service Site
 - Monitoring Site (Red Circle)
 - Monitoring Site (Blue Circle)



Northern Territory Government
 Department of Infrastructure
 For Rangelands Monitoring Branch
 Department of Environment and Natural Resources
 Inspected by: B. Lyra, J. Target, J. O'Neil
 Drawn: J. O'Neil, J. Lyra, B. Lyra
 Scale: 1:250 000
 Project No: SP5319-136-004
 Approved: J. Lyra
 Date: 08/2017

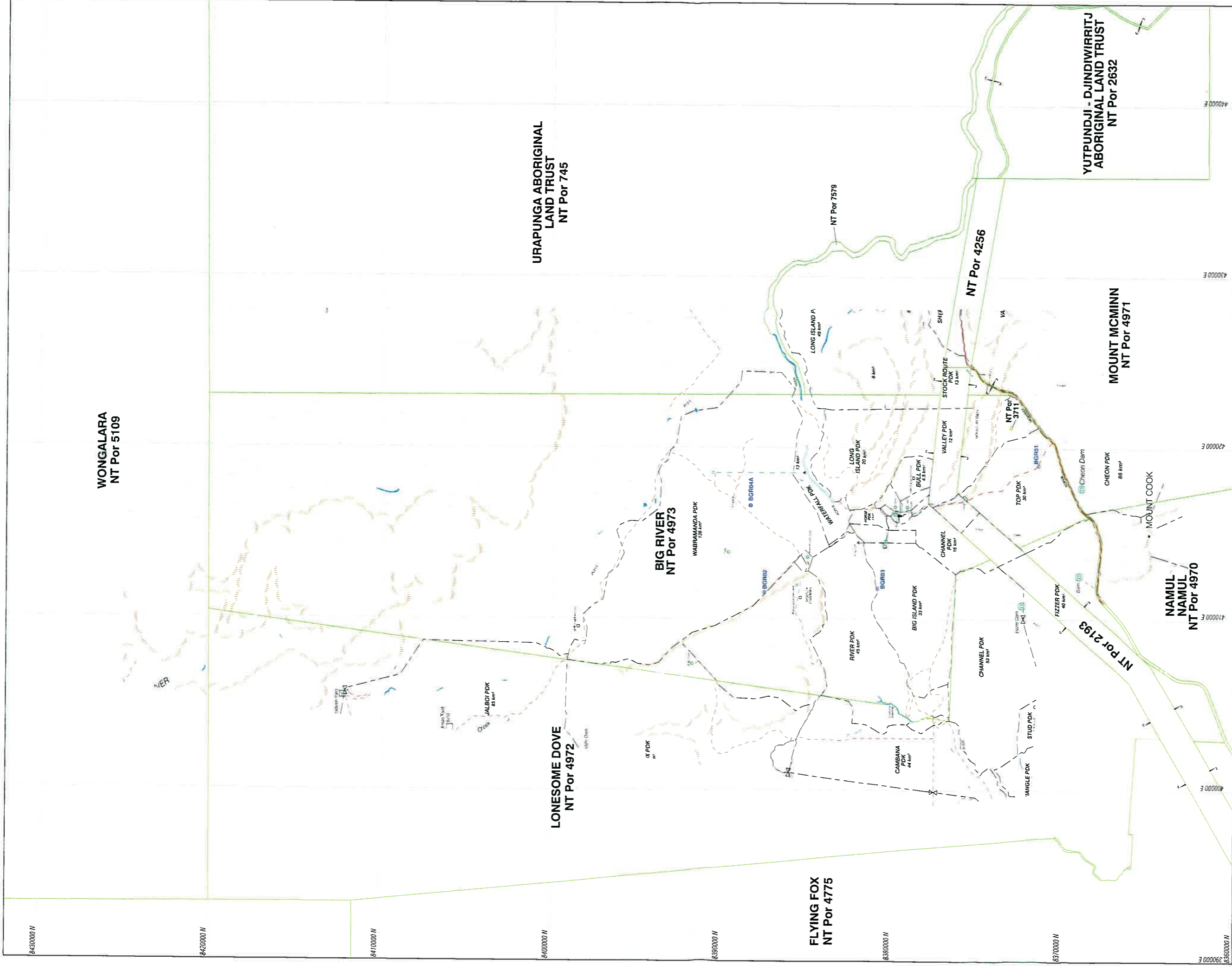
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
 Rangelands Monitoring Branch

FLYING FOX
 N.T. Por 4775 P.P.L. 1179



WARNING - The position of cadastral boundaries in relation to the map grid may be outside accepted map accuracy standards and can only be regarded as APPROXIMATE

FOR N.T. GOVERNMENT USE ONLY

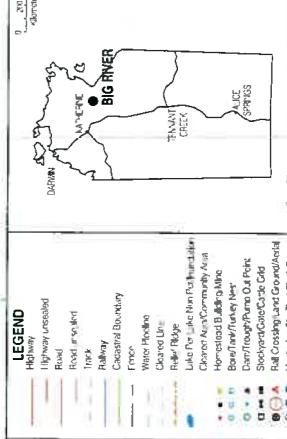


RANGELAND MONITORING SITES

- BGR01 4.7km SSE of Top Peddock, Tough
- BGR02 3.5km NW of Wabramanda Dam
- BGR03 4.5km WNW of Homestead
- BGR04 1.5km NE of Wabramanda Dam

LEGEND

- Highway Unsealed
- Road
- River
- Railway
- Capital Boundary
- Fence
- Water Hoarding
- Dam
- Dam (Under Construction)
- Clonnon Non-Community Pastoral
- Homestead
- Born Free Property
- Clonnon Non-Community Pastoral
- Clonnon Pastoral
- Clonnon Non-Community Pastoral
- Clonnon Pastoral
- Clonnon Non-Community Pastoral



Northern Territory Government

Produced by Land Information Services
Department of Infrastructure,
Department of Environment and Natural Resources
For Rangeland Monitoring Branch

Responsible: J. Taylor P.L.K. Group 7669 2917

Date: 10/01/2017

Scale: 1:100,000

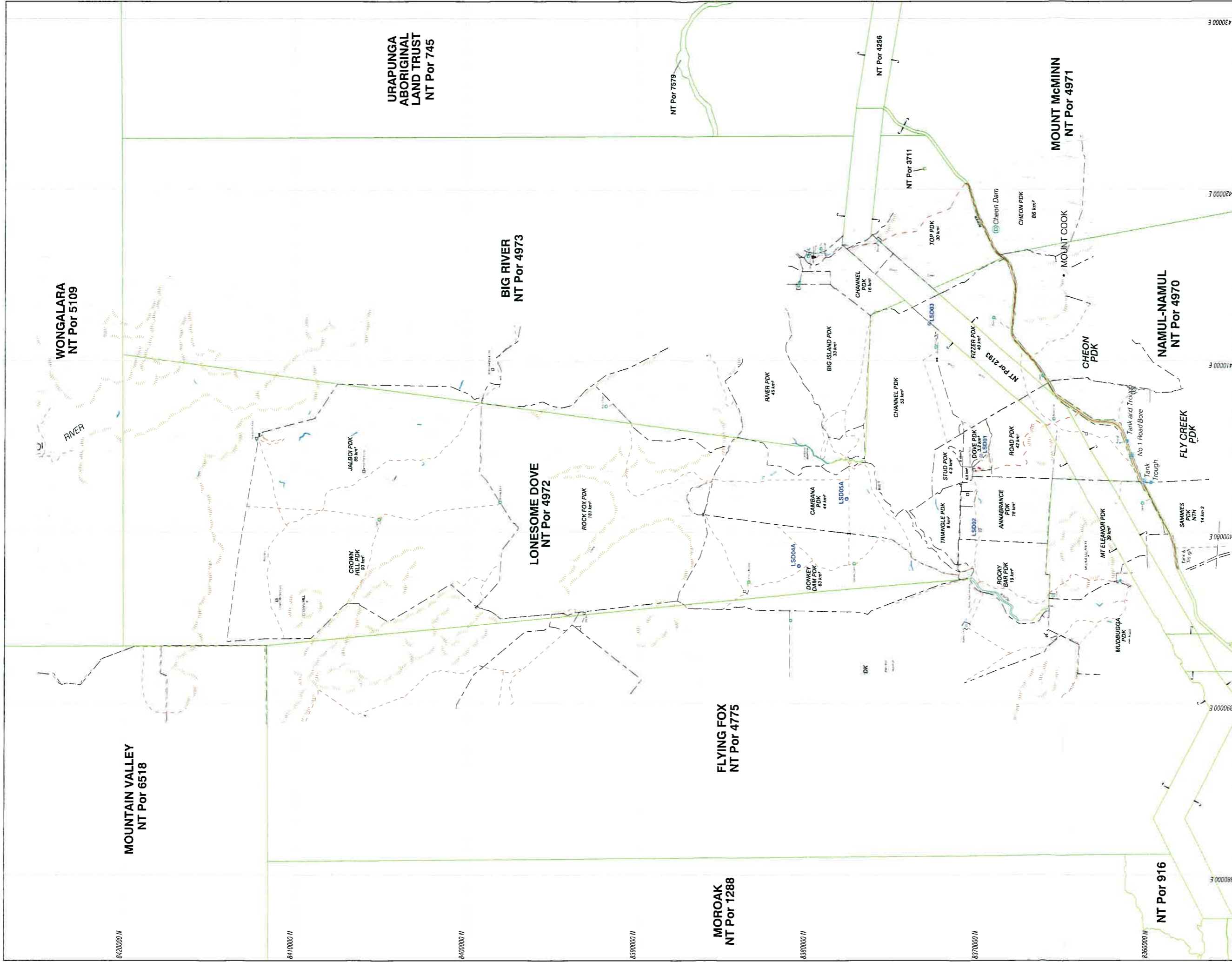
Drawing No: BGR

FOR N.T. GOVERNMENT USE ONLY

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Rangeland Monitoring Branch

BIG RIVER
N.T. Por 4973 P.L. 1160

WARNING: The position of cadastral boundaries in relation to the map grid may be outside accepted map accuracy standards and can only be regarded as APPROXIMATE



DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Rangeland Monitoring Branch

LONESOME DOVE
N.T. Por 4972 P.P.L. 1185

Scale 1 : 100 000

WARNING - The position of cadastral boundaries in relation to the map grid may be outside accepted map accuracy standards and can only be regarded as APPROXIMATE

Drawing No: LSD

Legend

- Highway (unlabelled)
- Road
- Road (unlabelled)
- Railway
- Cadastral Boundary
- Fence
- Water Feature
- Channel Line
- High Ridge
- Channel Line (with the Lull)
- Channel Area Community Area
- Homestead Building Line
- Bank/Trough/Turkey Nest
- Dam/Trough/Pit/Well/O.J./Pit
- Stocking/Grassland/Cliff
- Bill Clipping Land (Grassland)
- Monitoring Site (Monitoring Site)

RANGELAND MONITORING SITES

- ① LSD01 700m East of Homestead
- ② LSD02 3.0km West of Homestead
- ③ LSD03 1.4km ENE of Rizer Dam
- ④ LSD04A 3.2km North of Donkey Dam
- ⑤ LSD05A 3.8km ENE of Donkey Dam

Northern Territory Government
Produced by Land Information Services
Digitized and updated by:
Planned and designed by:
Department of Environment and Natural Resources
Approved by:
J. Taylor, R. McCaughey, 26/03/2017
Drawn:
CMT/Howell
Scale:
1 : 250,000
Map Grid:
MGA94
Datum:
Geoid
19/12/2017
FOR N.T. GOVERNMENT USE ONLY

NORTHERN TERRITORY OF AUSTRALIA
Petroleum Act
TITLE REGISTER

TITLE SUMMARYTitle: *Exploration Permit 162*Status: *GRANT*

Field:

Basin: *McArthur Basin*Mapsheet: *ROPER RIVER (SD53)*Application Date: *5/06/2009*Grant Date: *21/08/2012*Expiry Date: *20/05/2020*Registered Date: *22/08/2012*

Associated Titles:

Party Details

Type	Name	ACN/ABN/ARBN	%
Current	TAMBORAN RESOURCES LIMITED Suite 502, 22 Central Avenue, , Manly, , 2095	28 135 299 062	25
Current	SANTOS QNT PTY LTD c/- Team Leader Tenures, Level 26, 32 Turbot St, BRISBANE, , 4000	33 083 077 196	75
Manager	SANTOS QNT PTY LTD c/- Team Leader Tenures, Level 26, 32 Turbot St, BRISBANE, , 4000	33 083 077 196	0
Operator	SANTOS QNT PTY LTD c/- Team Leader Tenures, Level 26, 32 Turbot St, BRISBANE, , 4000	33 083 077 196	
Past	SANTOS QNT PTY LTD	33 083 077 196	50
Past	TAMBORAN (BEETALOO) PTY LTD	76 163 215 021	50
Past	TAMBORAN RESOURCES LIMITED	28 135 299 062	50
Past	TAMBORAN RESOURCES LIMITED	28 135 299 062	50
Name Change	TAMBORAN RESOURCES LIMITED was TAMBORAN RESOURCES PTY LTD (2014-03-19)		
Applicant	TAMBORAN RESOURCES LIMITED	28 135 299 062	100

*Name Change

Transactions

Type	Effective Date	Expiry Date	Area
Grant	21/08/2012	20/08/2017	106 Blocks (5'x5')
Application	05/06/2009		107 Blocks (5'x5')

Endorsements

Type	Period	Year	Effective Date	Registered Date
Suspension and Extension	18 Months	4	16/02/2018	16/02/2018
Suspension and Extension	12 Months	4	21/12/2016	23/12/2016
Variation		3,4	25/05/2015	26/05/2015
Suspension and Extension	3 Months	2	10/09/2014	11/09/2014
Initial	5 Years		21/08/2012	22/08/2012

Registered Documents

Document Type	Reference	Registered Date
Directions	Section 71 of the Petroleum Act	31/07/2017

Directions	Section 71 of the Petroleum Act	31/07/2017
------------	---------------------------------	------------

Security

Type	Receipt	Lodgement Date	Discharged Date	Folio
Bank Guarantee		04/07/2016		203
Cash Security	6812136631	17/08/2012		89

Annual Fee

Year	Amount	Received Date
Year 6	\$9,752.00	23/08/2017
Year 5	\$9,752.00	23/08/2016
Year 4	\$10,727.20	01/09/2015
Year 3	\$10,260.80	25/09/2014
Year 2	\$9,911.00	30/10/2013
Year 1	\$2,798.40	27/09/2012

Dealings

Dealing No	Type	Dealing Title	Approved Date	Registered Date
2017-32	Transfer	Transfer of Title, dated 8 September 2017, between Santos QNT Pty Ltd and Tamboran Resources Limited, lodged 11 December 2017	31/01/2018	01/02/2018
2016-124	Dealing	Deed of Assignment of a Security Interest, dated 30 September 2016, between Belbay Investments Pty Limited, Paul Geoffrey Fudge and Geotech Investments Pty Limited, dated 30 September 2016	25/10/2016	25/10/2016
2016-113	Dealing	Deed of Assignment, dated 1 August 2016, between Tamboran (Beetaloo) Pty Ltd and Tamboran Resources Limited, lodged 7 October 2016	25/10/2016	25/10/2016
2016-117	Transfer	Transfer of Title, dated 1 August 2016, between Tamboran (Beetaloo) Pty Limited and Tamboran Resources Limited, lodged 7 September 2016.	25/10/2016	25/10/2016
2016-120	Dealing	General Security Deed, dated 6 September 2012, between Tamboran Resources Limited and Belbay Investments Pty Limited, lodged 14 October 2016	25/10/2016	25/10/2016
2015-68	Dealing	Farm-in Agreement, dated 26 September 2014, Option exercise date: 28 April 2015 between TOTAL GLNG Australia and Santos QNT Pty Ltd lodged on 27 July 2015	03/09/2015	08/09/2015
2014-47	Transfer	Transfer of Title dated 30 November 2013 between Tamboran Resources	21/03/2014	20/05/2014

		Limited and Tamboran (Beetaloo) Pty Ltd lodged 27 February 2014		
2013-10	Transfer	Transfer of title dated 14 February 2013 between Tamboran Resources Pty Ltd and Santos QNT Pty Ltd lodged 18 February 2013	19/02/2013	20/02/2013
2012-75	Dealing	Joint Operating Agreement dated 11 December 2012 between Santos QNT Pty Ltd and Tamboran Resources Pty Ltd lodged on 18 December 2012	04/01/2013	04/01/2013
2012-79	Dealing	Deed of Cross Security dated 11 December 2012 between Santos QNT Pty Ltd and Tamboran Resources Pty Ltd lodged on 18 December 2012	04/01/2013	04/01/2013
2012-71	Dealing	Farmin Agreement dated 11 December 2012 between Santos QNT Pty Ltd and Tamboran Resources Pty Ltd lodged on 18 December 2012	04/01/2013	04/01/2013

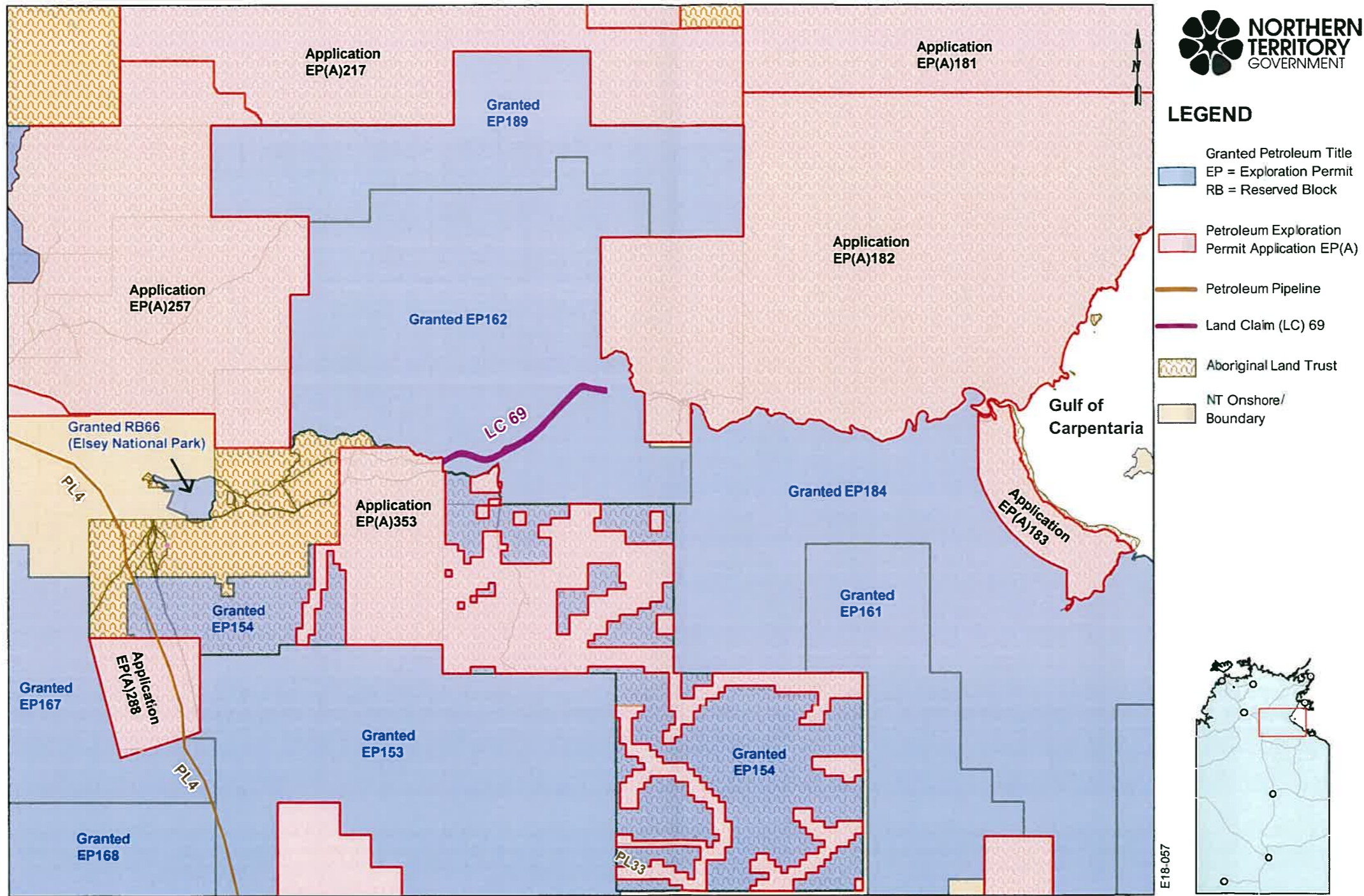
I hereby certify this to be a true extract of the data in the Register



PETROLEUM REGISTRAR

Date

09 May 2018



- LEGEND**
- Granted Petroleum Title
 - EP = Exploration Permit
 - RB = Reserved Block
 - Petroleum Exploration Permit Application EP(A)
 - Petroleum Pipeline
 - Land Claim (LC) 69
 - Aboriginal Land Trust
 - NT Onshore/ Boundary



NOTE TO MAP USERS: Petroleum and exploration tenure depicted on this map are plotted from descriptions supplied by the holders and the Northern Territory takes no responsibility as to their accuracy. Further, users should be aware that inconsistencies may occur between data on selected layers due to the origin of the data depicted.

Datum: AGD 66
 Date: 8 May 2018
 Prepared By: Energy Titles

NORTHERN TERRITORY OF AUSTRALIA
Petroleum Act
TITLE REPORT

TITLE SUMMARYTitle: *Exploration Permit 353*Application Date: *11/01/2008*Status: *APPLICATION*

Grant Date:

Field:

Expiry Date:

Basin: *McArthur Basin*

Registered Date:

Mapsheet: *ROPER RIVER (SD53)*Associated Titles: *EP154***Party Details**

Type	Name	ACN/ABN/ARBN	%
Current	JACARANDA MINERALS LIMITED Locked Bag No. 2, WEST PERTH, 6872	68 117 264 570	50
Current	MINERALS AUSTRALIA PTY LTD Locked Bag No. 2, WEST PERTH, 6872	47 124 475 538	50
Manager	MINERALS AUSTRALIA PTY LTD Locked Bag No. 2, WEST PERTH, 6872	47 124 475 538	
Operator	MINERALS AUSTRALIA PTY LTD Locked Bag No. 2, WEST PERTH, 6872	47 124 475 538	
Applicant	JACARANDA MINERALS LIMITED	68 117 264 570	50
Applicant	MINERALS AUSTRALIA PTY LTD	47 124 475 538	50

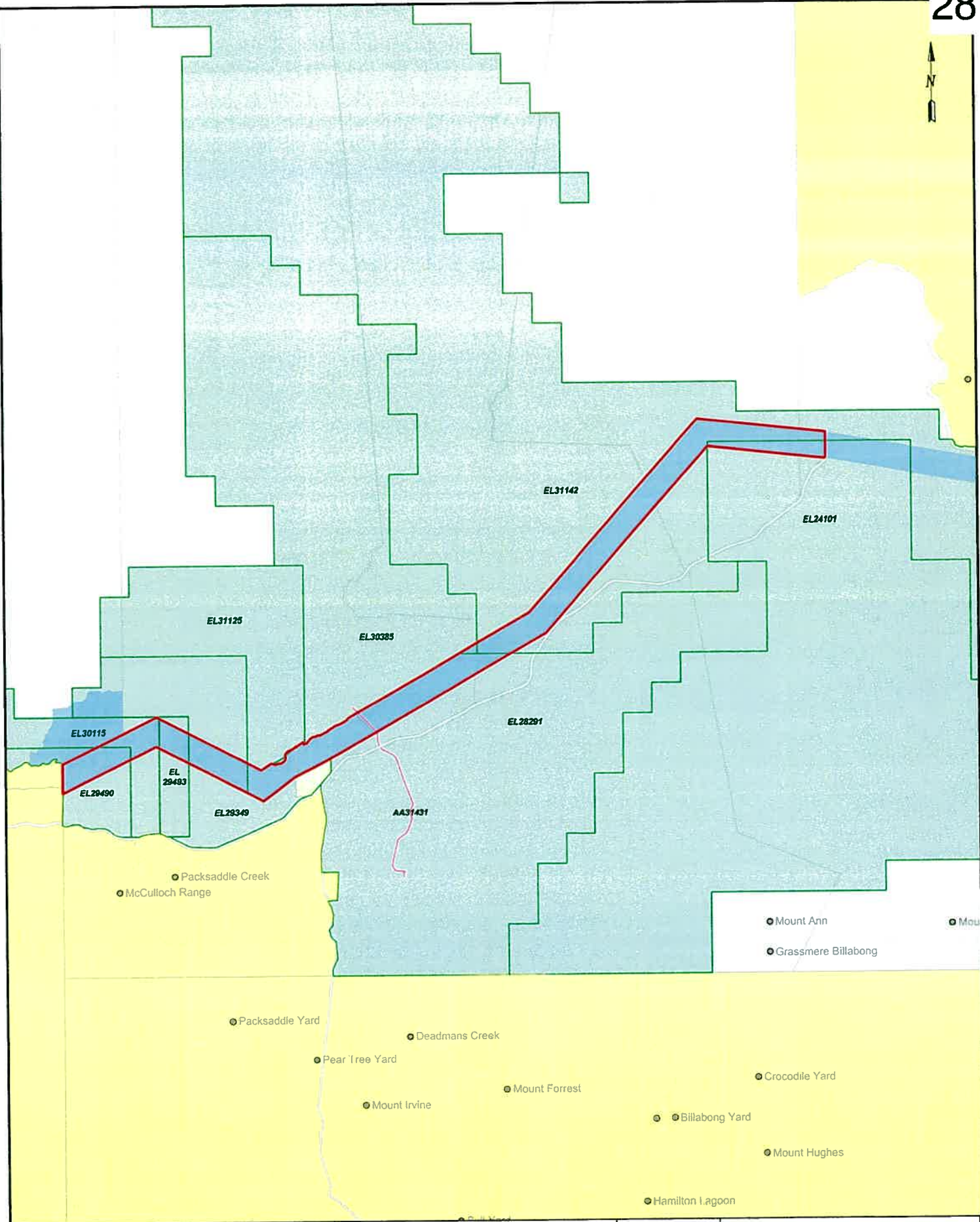
*Name Change

Transactions

Type	Effective Date	Expiry Date	Area
Area Variation	07/09/2017		82 Blocks (5'x5')
Application	11/01/2008		102 Blocks (5'x5')

TITLE REPORT: *EP353*Report run on: *09 May 2018, 1:42 PM*Department of Primary Industry and Resources
Energy.permits@nt.gov.au

Land Claim 69 TITLE TYPE	TITLE NUMBER	HOLDER	CONTACT	STATUS	APPLICATION DATE	GRANT DATE	EXPIRY DATE
EL	24101	Northern Territory Iron Ore Pty Ltd 68 Excelsior Street SHENTON PARK WA 6008 0409689022 michelle.skinner@ntio.com.au	Northern Territory Iron Ore Pty Ltd 68 Excelsior Street SHENTON PARK WA 6008 0409689022 michelle.skinner@ntio.com.au	renew retained	03/12/2003	20/08/2004	19/08/2018
EL	28291	Australian Ilmenite Resources Pty Limited Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	Roper Resources Pty Ltd Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	renew retained	20/09/2010	06/05/2011	05/05/2019
EL	29349	Ronald Edwards, Rodney Johnston, Scriven Exploration Pty Ltd, Kaylan Resources Pty Ltd and Thomas Redcliffe	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	grant	19/01/2012	21/11/2012	20/11/2018
EL	29490	Ronald Edwards, Rodney Johnston, Scriven Exploration Pty Ltd, Kaylan Resources Pty Ltd and Thomas Redcliffe	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	grant	03/05/2012	04/01/2013	03/01/2019
EL	29493	Ronald Edwards, Rodney Johnston, Scriven Exploration Pty Ltd, Kaylan Resources Pty Ltd and Thomas Redcliffe	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	grant	03/05/2012	04/01/2013	03/01/2019
EL	30115	Ronald Edwards, Rodney Johnston, Scriven Exploration Pty Ltd, Kaylan Resources Pty Ltd and Thomas Redcliffe	Australian Mining & Exploration Title Services Pty Ltd GPO Box 888 DARWIN NT 0801 89411911 nt@amets.com.au	grant	20/09/2013	30/04/2014	29/04/2020
EL	30385	Australian Ilmenite Resources Pty Limited Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	Roper Resources Pty Ltd Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	grant	07/05/2014	15/07/2016	14/07/2022
EL	31125	Roper Ilmenite Pty Ltd Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	Russell Phillips Suite 18 Level 10 320 Adelaide Street BRISBANE QLD 4000 rphillips@macmines.com 0427515477	grant	19/01/2016	30/11/2016	29/11/2022
EL	31142	Roper Ilmenite Pty Ltd Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	Russell Phillips Suite 18 Level 10 320 Adelaide Street BRISBANE QLD 4000 rphillips@macmines.com 0427515477	grant	29/01/2016	30/11/2016	29/11/2022
AA	31431	Australian Ilmenite Resources Pty Limited Suite 17 Level 9 320 Adelaide Street BRISBANE QLD 4000 0427515477 rphillips@macmines.com	Russell Phillips Suite 18 Level 10 320 Adelaide Street BRISBANE QLD 4000 rphillips@macmines.com 0427515477	application	06/10/2016		



LEGEND

- | | | |
|------------------------------|-----------------------|----------------|
| Land Claim 69 | Vacant Crown Land | Pastoral Lease |
| Exploration Licence Granted | Freehold Land | |
| Access Authority Application | Aboriginal Land Trust | |



**LAND CLAIM 69
MATARANKA AREA**



Datum GDA94
Date 22 May 2018
Prepared By Mineral Titles Division

NOTE TO MAP USERS: Mining and exploration tenure depicted on this map are plotted from descriptions supplied by the holders and the Northern Territory takes no responsibility as to their accuracy. Further, users should be aware that inconsistencies may occur between data on selected layers due to the origin of the data depicted.

Aboriginal Land Rights (Northern Territory) Act (Cth) 1976

Review of Detriment Issues

Aboriginal land claims recommended for grant but not yet finalised

Mataranka Area Land Claim No. 69 – Area 4: Urupunga Stock Route

Submissions of the Northern Territory in Reply to the Claimant's

Submissions of 17 August 2018

1. By letter dated 11 May 2018, the Aboriginal Land Commissioner (“ALC”) invited the Northern Territory (“NTA”) to participate in the review of detriment issues in the Mataranka Area Land Claim No. 69 (“Land Claim”) being conducted by the ALC under Terms of Reference issued by the Federal Minister pursuant to section 50(1)(d) of the *Aboriginal Land Rights (Northern Territory) Act* (“ALRA”).
2. On 4 July 2018, the NTA lodged with the Office of Aboriginal Land Commissioner (OALC) a document entitled “Detriment Review: Finniss River Land Claim No. 39 and Mataranka Area Land Claim No. 69 – Updated detriment and proposed patterns of land usage Information on behalf of the Northern Territory of Australia for Consideration by the Aboriginal Land Commissioner” (“the first NTA Submissions”).
3. It is noted that four other parties also lodged submissions with the OALC in respect of the Land Claim detriment review, namely: (i) DK Pastoral Company Pty Ltd (DKP), (ii) Northern Territory Cattlemen's Association (NTCA), (iii) Northern Territory Iron Ore Pty Ltd (NTIO) and (iv) the proprietors of Flying Fox Station (Flying Fox).
4. On 17 August 2018, Mr David Avery as Solicitor for the Claimants in the Land Claims lodged with the OALC a document entitled “Review of Detriment – Aboriginal land claims recommended for grant but not yet finalized – Mataranka Area Land Claim No. 69 – Area: Urupunga Stock Route” (“the Claimants’ Submissions”).
5. By email dated 7 September 2018, the OALC advised that the ALC agreed to the extension for the NTA to provide its reply to the Claimants’ Submissions by 18 September 2018 instead of 11 September 2018. The Claimants’ Submissions are filed on behalf of the claimants in the Land Claim (rather than the NLC) and these submissions (the NTA Submissions in Reply) are made on that basis.
6. The NTA Submissions in Reply below address specific numbered paragraphs of the Claimants’ Submissions. Where a specific paragraph of the Claimants’ Submissions is not addressed it is either on the basis that the respective paragraph relates to another party or the NTA has nothing further to add from what was contained within the first NTA Submissions.

NTA SUBMISSIONS IN REPLY RESPONDING TO NUMBERED PARAGRAPHS OF THE CLAIMANTS' SUBMISSIONS

The following numbering refers to the paragraph numbering of the Claimants' Submissions.

Subdivision of Roper River Pastoral Lease

7. Under section 61 of the *Pastoral Land Act*, a pastoral lessee may apply to the Minister for approval to subdivide the land the subject of a pastoral lease. The Pastoral Land Board shall make recommendations to the Minister in relation to an application for subdivision. Section 61(4) provides that the Board must consider certain matters, including "such other matters as it thinks fit."

The initial subdivision (Roper Valley Station PPL 1123) and subsequent subdivisions were assessed by the Board which found that the subdivisions were capable of individually supporting a sustainable commercial pastoral enterprise.

At the time of the offer, the lessees were made aware, amongst other things, that if the land claim to the Urapunga Stock Route passing across Lots A – two parts (NTP 4776 & 4777), Lot B (NTP 4778) and Lot C (NTP 4475) was granted as Aboriginal Land, the lessee of each block would need to negotiate a point of access across that land with the Northern Land Council. It was also made clear that if an agreement could not be reached, a determination on any access route could be made by an independent arbitrator appointed by the Federal Minister for Aboriginal Affairs: refer various correspondence attached and marked **Attachment 1**.

Furthermore it was stated that negotiating this or any other access to the lots was the sole responsibility of the lessees.

Attempt to resolve the detriment issues

16. Adding land to an existing pastoral lease would have positive implications when considering economies of scale. However from a pastoral perspective small parcels of land operated in isolation are often considered unviable.

The Claimants' Submission refers to the NT Submission regarding consolidation of stock routes adding value to pastoral properties benefiting from the amalgamation and the analogy of the potential economic loss to the claimants if their legitimate claim was frustrated. It appears that the potential economic loss referred to would derive from ownership of the claim area as Aboriginal land and the ability of the traditional owners to lease or licence the land to third parties to use the land.

- 17-19. Attachment 5 of the first NTA Submissions shows NT Portion 2193 to be the current parcel number for the stock route. Survey Plan No. S2016/068 and the

associated NT Portion numbers are simply a data allocation for future survey should the need arise. There has been no survey conducted and there is no survey plan S2016/068 drawn up nor approved by the Surveyor-General.

Pastoral

20. The NTA adopts its general remarks in paragraphs 42 to 53 of its submissions in respect of the Lower Daly Land Claim No. 68 dated and filed on 26 July 2018.
21. It is irrelevant to any function of the ALC to inquire into a person's state of knowledge about a land claim and the bearing, if any, which that knowledge had, or should have had, on their exposure. The NTA adopts its remarks at paragraphs 14 to 19 and 26 to 35 of the "Submissions of the Northern Territory of Australia as to the Proper Approach of the Aboriginal Land Commissioner to Detriment Matters Arising After a Land Claim" dated 16 May 2018 and paragraphs 7 to 30 of the "Submissions of the Northern Territory of Australia in Reply to the Submissions on Behalf of the Northern Land Council Concerning Legal Principles in Respect of Detriment Interests Acquired Post Land Claim" dated 6 June 2018.
22. The comments in paragraph 22 of the Claimants' Submissions are merely speculative. There is no evidence to support the assertion that the parties are simply opposed to the grant of the claimed area under any circumstances. Accordingly, paragraph 22 should not be given any weight.

NTCA

24. The Claimants' Submission refers to sub-leasing being adverse to Aboriginals who currently enjoy native title rights of access to pastoral leases. The NTA submits that the examples provided regarding subleasing on pastoral land in comparison to the effect of the grant of Aboriginal land is inappropriate. The focus of the review is for the ALC to make comments about the detriment or effect on proposed patterns of land usage that may arise in the event of a grant not to make an analogy between the effect of the grant of Aboriginal land compared with subleasing on pastoral land. In our view these comments are irrelevant to any function of the ALC and should not be afforded any weight.

The NTA adopts its remarks at paragraphs 8 to 10 and 20 to 21 of the "Submissions of the Northern Territory of Australia as to the Proper Approach of the Aboriginal Land Commissioner to Detriment Matters Arising After a Land Claim" dated 16 May 2018.

Flying Fox: PPL 1179

31. The NTA repeats its remarks in respect of paragraph 21 above.

Lonesome Dove: PPL 1185

32. The Claimants' Submissions at paragraphs 32 to 34 inclusive respond to a letter from the Lonesome Dove's legal representatives dated 30 May 2018 and the NTA understands that Lonesome Dove will be provided with an opportunity to file a submission in reply. The NTA, however, does wish to respond to paragraph 32 as follows.

The NTA adopts its remarks at paragraph 20 to 24 of the "Submissions of the Northern Territory of Australia as to the Proper Approach of Aboriginal Land Commissioner to Detriment Matters Arising After a Land Claim" dated 16 May 2018.

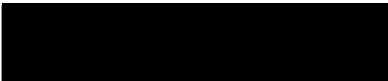
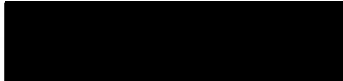
The NTA maintains that "cumulative detriment" can arise from two or more separate pieces of Crown land being claimed. If access to such land is prohibited or restricted, the extent of detriment and effect on proposed or existing patterns of land usage for the affected land holder is compounded.

Roper Highway – Road Reserve

- 36 The fence along the corridor at the point marked 'Section A' on Attachment 17 of the first NTA Submissions and the area south of the fence is not required for road corridor purposes. The Department does not own or maintain the fence. The existing 150 metre road corridor as depicted on survey plan S93/325B is adequate for current road activities.

The detriment submitted by the NTA referred to "Section C" as marked on Attachment 17 of the first NTA Submissions as being in the vicinity of the Land Claim area. The Claimants' Submissions assert that no part of the road corridor is in NTP 2193 and that the road corridor is unaffected by the Land Claim.

The Territory confirms that the road corridor is not directly affected by the Land Claim and no adjustment is required at this time in respect of Section A and Section C as marked on Attachment 17 of the first NTA Submissions.

Per 
KALLIOPI (POPPI) GATIS and 
SOLICITOR FOR THE NORTHERN TERRITORY

ANNE-MARIE CHIN

18 September 2018



132 153

Offer to Lessees for
Original Subdivision

DEPARTMENT OF LANDS, PLANNING AND ENVIRONMENT

AMP BUILDING
GPO BOX 1880
DARWIN NT 0801
Telephone No: (089) 6882
Facsimile No.: (089) 7046

Our Ref: PPL1123
Your Ref:

Mr W Tapp
Administrator of
the Estate of C W Tapp
Roper Valley Station
PO Box 654
KATHERINE NT 0851

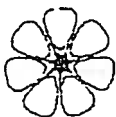
Dear Mr Tapp

RE: APPLICATION TO SUBDIVIDE ROPER VALLEY STATION

I refer to your application to subdivide Perpetual Pastoral Lease No 1123, Roper Valley Station.

I am pleased to advise you, pursuant to my delegation of the Minister's powers under section 61(7) of the *Pastoral Land Act*, that the Minister has approved the subdivision of the existing lease into the three portions designated Lots A, B and C on the attached plan, subject to:

- . the two parts of Lot A being contained in one Perpetual Pastoral Lease without development conditions;
- . Lot B being a Perpetual Pastoral Lease without development conditions;
- . Lot C being a Pastoral Lease for a term of 25 years or as extended with a general condition requiring the development of sufficient infrastructure to enable the land to be used for sustainable pastoral purposes;
- . surrender of Perpetual Pastoral Lease No 1123;
- . survey of the three portions to be arranged and paid for by you;
- . any easements required by the Northern Territory at no cost to the Territory;



112

**Offer to Lessees for
Original Subdivision**

the reservations, conditions, covenants and provisions set out in the
payment of the fees and charges set out in the attached Schedule; and
payment of all outstanding rent on Perpetual Pastoral Lease No 1123.

The fees and charges need not be paid until I send you a surrender closer to when survey is completed and the three new leases can be prepared.

The annual rent in respect of each new lease will be 1% of the unimproved value of the land contained in each lease, subject to future review by the Minister as provided for in the *Pastoral Land Act*. Now that the subdivision has been approved, the Valuer-General will assess the unimproved value of the three portions after which you will be advised.

Please note that any access to the Roper Highway will be constructed at the lessees expense to the requirements of the Department of Transport and Works.

It should also be noted that if the Land Claim to the Stock Route passing across Lots A, B and C result in the land being granted to traditional owners, the lessee of each block will be entitled to access across that land by a route agreed to by themselves and the Northern Land Council under the Aboriginal Land Rights (NT) Act. If agreement cant be reached, a determination is made by an independent arbitrator appointed by the Federal Minister for Aboriginal Affairs.

The same situation would have applied even if Roper Valley had not been subdivided. The responsibility for negotiating this or any other access to the blocks will be the sole responsibility of the lessees.

The Stock Route passes right across Roper Valley but the Land Claim does not include the Stock Route from where it meets the Roper Highway (longitude 134° 18') to the eastern boundary of Roper Valley. I will seek approval to have this part of the Stock Route revoked and added to you lease at no extra cost to you.

If you wish to accept this offer, please sign each page of the duplicate copy of this letter and two Schedules and return them to me at the above address within 30 days of the date of this letter.

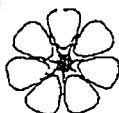
After acceptance, the next step will be for you to arrange survey as discussed this morning by telephone. Your surveyor will be able to obtain a survey brief from the Surveyor-General who has already assessed the method required for survey.

Please do not hesitate to contact me on telephone 99 6862 if there is any matter I can assist you with.

Yours sincerely

Tony Fowlestone
Delegate of the Minister

27 July 1995





147

DEPUTY CHIEF MINISTER
MINISTER FOR LANDS, PLANNING AND ENVIRONMENT

PARLIAMENT HOUSE
DARWIN NT 0800

GPO BOX 3146, DARWIN NT 0801
TELEPHONE: (08) 89 996155
FACSIMILE: (08) 89 996910

To Bir 8/1/97

Ms S Gilmour
Legal Advisor
Northern Land Council
PO Box 42921
CASUARINA NT 0811

Dear Ms Gilmour

I refer to your letter of 25 November 1996 to the Pastoral Land Board concerning the subdivision of Pastoral Lease No. 632, Roper Valley Station, a drop copy of which you sent to me.

The Pastoral Land Board has written to me expressing its opinion that its report and recommendations to me in respect of the subdivision are confidential and that details of its deliberations should not be released without my consent. In the circumstances the Board does not believe it is appropriate that it should respond to the submissions by the Northern Land Council and has asked me to do so.

Firstly, the current situation is that Pastoral Lease No. 632, Roper Valley Station has been subdivided into five pastoral leases and one Crown lease perpetual, all of which have been registered. You would be aware that I approved the grant of the Crown lease perpetual over an area around the Roper Valley Station homestead for sale to the Kewulyi Aboriginal Corporation and I presume that you do not have any concerns in this regard.

Three of the pastoral leases are traversed by the Urapunga Stock Route comprised in the Mataranka Area Land Claim (Area 4) and I am advised that should a grant of Aboriginal freehold be made over this area, the pastoral lessees will each be entitled to access across that land by a route agreed to by themselves and the Northern Land Council under the *Aboriginal Land Rights (NT) Act*. If agreement on a route cannot be reached, there is provision for a determination to be made by an independent arbitrator appointed by the Minister for Aboriginal and Torres Strait Islander Affairs.

At the time the subdivision applications were made the applicants held valid title to the land which excluded the Urapunga Stock Route. Although not then surveyed, the stock route



146

was sufficiently described in the lease titles and diagrams to satisfy the requirements of the Surveyor-General and the Registrar-General. Each of the resultant subdivision lease titles clearly excludes the Urapunga Stock Route in the same manner as the lease from which they were subdivided. Few if any stock routes through other pastoral leases are surveyed, yet the boundaries of those leases are not legally in question.

At the time the applications to subdivide Roper Valley Station were made it was known that the boundaries of the stock route land claim area were in the process of being surveyed and that consultation between the parties was taking place to ensure the location of the boundaries was mutually acceptable. I am advised that the survey has been completed.

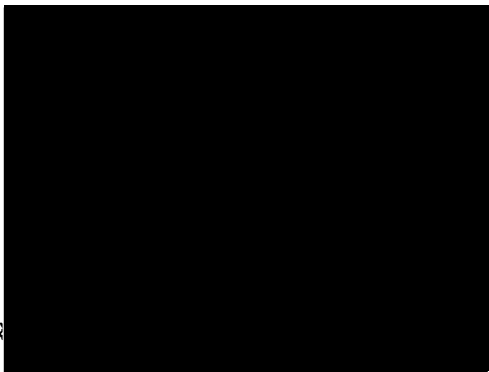
I am satisfied, on the advice of the Pastoral Land Board, that each subdivided pastoral lease is capable, by itself, of supporting a sustainable commercial pastoral operation.

The proposal by the Northern Land Council that the area under claim be exchanged for negotiated alternatives is a matter I would be pleased to consider if agreement can be reached by the Council with the relevant pastoral lessees. A precedent for such an exchange exists. I have approved the surrender of parts of Rockhampton Downs pastoral lease for scheduling under the Aboriginal Land Rights (NT) Act to the Warumungu land claimants in exchange for the lifting of a land claim over part of the South Barkly Stock Route so that land could be added to the pastoral lease. This exchange, which also involves revocation of the stock route, is nearing completion.

I would be pleased to see the parties arrive at a mutually satisfactory resolution of the matter but stress that the matter is one which I cannot consider without agreement first being reached between yourselves and the pastoral lessees.

Tony Fowlestone of my Department, who can be contacted on telephone 89 994686, would be pleased to provide you with copies of the relevant pastoral leases and any other assistance you may require.

Yours sincerely



MIKE R



Aboriginal Land Rights (Northern Territory) Act (Cth) 1976

Review of Detriment Issues

Aboriginal land claims recommended for grant but not yet finalised

**Finniss River Area Land Claim No. 39: Former Rum Jungle Mine,
Section 2968 Hundred of Goyder**

Submissions of the Northern Territory in Reply to the Claimant's

Submissions of 31 August 2018

1. By letter dated 10 May 2018, the Aboriginal Land Commissioner ("ALC") invited the Northern Territory ("NTA") to participate in the review of detriment issues in the Finniss River Area Land Claim No. 39 ("Land Claim") being conducted by the ALC under Terms of Reference issued by the Federal Minister pursuant to section 50(1)(d) of the *Aboriginal Land Rights (Northern Territory) Act* ("ALRA").
2. On 4 July 2018, the NTA lodged with the Office of Aboriginal Land Commissioner (OALC) a document entitled "Detriment Review: Finniss River Land Claim No. 39 – Updated detriment and proposed patterns of land usage Information on behalf of the Northern Territory of Australia for Consideration by the Aboriginal Land Commissioner" ("the first NTA Submissions").
3. It is noted that three other parties also lodged submissions with the OALC in respect of the Land Claim detriment review, namely: (i) Australian Government of Department of Industry, Innovation and Science; (ii) Northern Territory Resources Pty Ltd; and the Doe Run Company.
4. On 31 August 2018, Mr David Avery as Solicitor for the Claimants in the Land Claims lodged with the OALC a document entitled "Review of Detriment issues – Finniss River Land Claim No. 39" ("the Claimants' Submissions").
5. By letter dated 13 September 2018 the ALC requested the NTA's reply to the Claimants Submissions in particular paragraphs 3-6 and paragraphs 12 and 14. The Claimants' Submissions are filed on behalf of the claimants in the Land Claim (rather than the NLC) and these submissions (the NTA Submissions in Reply) are made on that basis.
6. The NTA Submissions in Reply below address specific numbered paragraphs of the Claimants' Submissions. Where a specific paragraph of the Claimants' Submissions is not addressed it is either on the basis that the respective

paragraph relates to another party or the NTA has nothing further to add from what was contained within the first NTA Submissions.

NTA SUBMISSIONS IN REPLY RESPONDING TO NUMBERED PARAGRAPHS OF THE CLAIMANTS' SUBMISSIONS

The following numbering refers to the paragraph numbering of the Claimants' Submissions.

Rehabilitation of mine site on Area 4 – NT Portion 2968

5. The NTA acknowledges the position of the NLC and the claimants with respect to the assumption of any future risks relating to failed rehabilitation, and the indemnities in relation to the same that they seek from governments.
6. The NTA agrees that consultations with claimants, the NLC and the Commonwealth continue under the Project Agreement for the Management of the Former Rum Jungle Mine Site (Stage 2A), and that the final extent of the rehabilitation works required, and the final responsibility for undertaking and funding those works, is the subject of current assessments and negotiations.

Mining Interests

10. The restriction on the title of ELR No. 146 is correctly set out and has not changed. ELR No. 146 will expire on 18 September 2021. The conditions will be reviewed then however they are unlikely to change or be removed, unless developments occur which require it. In 2016, a mine management plan for ELR146 was authorised. There are currently no activities authorised for this site.
11. It should be noted that there is NO paragraph 11 included in the Claimant's Submissions.

Roads

12. The NTA offers the following in response to the comments in this paragraph that the Rum Jungle road and the unconstructed and unmaintained road noted in the First NTA Submissions do not enter the boundaries of the claim area.

The NTA agrees that the unconstructed and unmaintained roads DO NOT enter the claim area. However, it confirms that Rum Jungle Road (RIMS ID 316) does traverse part of Section 2968 (the Claim Area). Approved survey plan S92/288 depicts the extent of the Rum Jungle Road reserve part of the Claim Area. A

copy of this survey plan is marked **Attachment 1**: refer to the enlargement on the plan. Future actions by the relevant road authority (Local Government) may result in road closure. However, the road currently remains open and accessible as a public road.

The relevant portion of the Rum Jungle Road 100 metre wide road reserve should be excluded from any grant of the Claimed land under ALRA.

Public Recreation

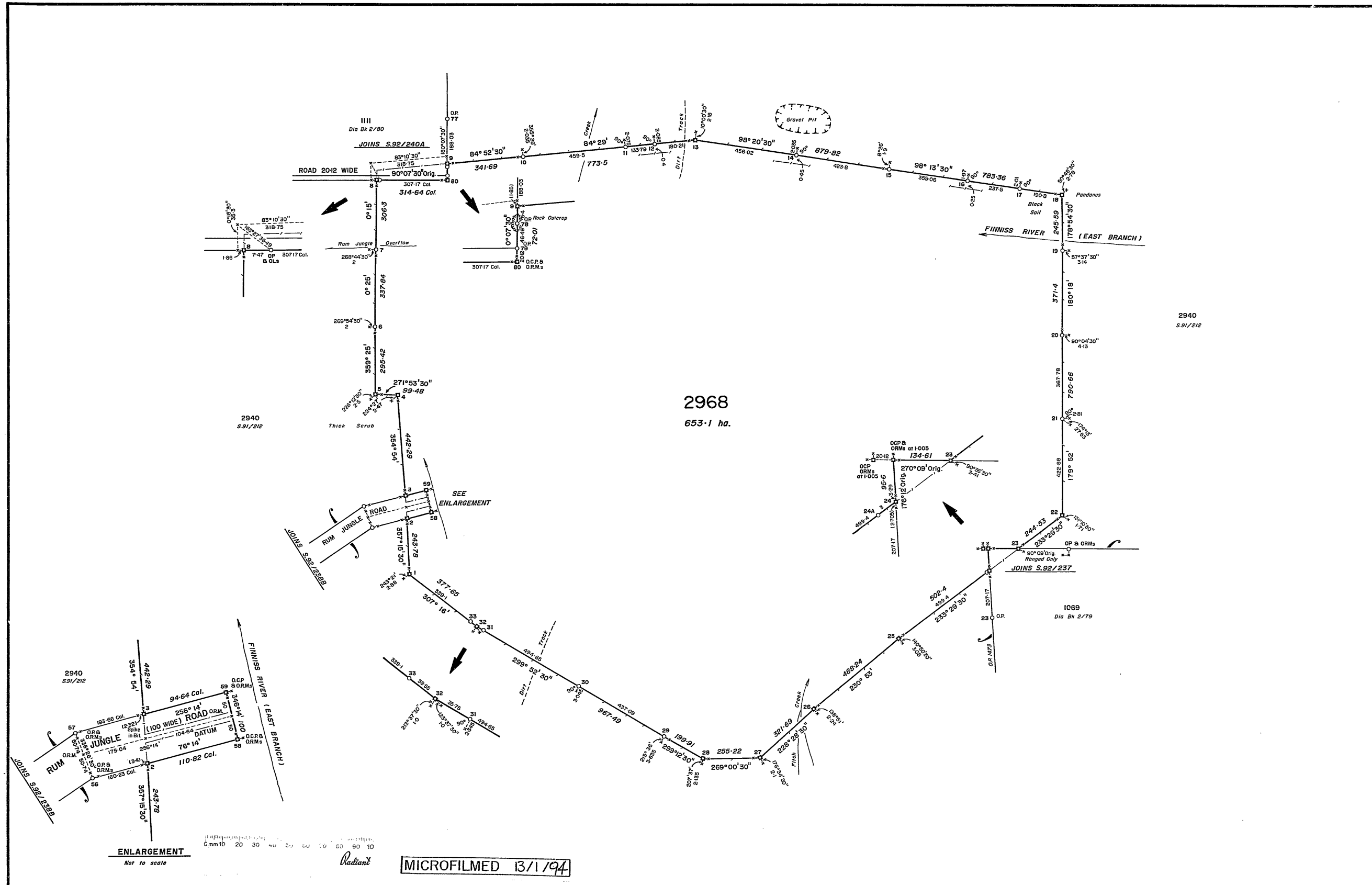
13. The NTA notes the position of the Claimants and offers the following in response. The former Rum Jungle mine site is currently fenced with signs to assist in managing public health and safety risks. Should funding be provided for rehabilitation works, site access will be appropriately controlled to manage public health and safety risks. Post rehabilitation land use, it is proposed to restrict public access while also providing free access to Traditional Owners. It is agreed that public recreation will not suffer in the area as a result of the grant.
14. The NTA agrees with the contents of this paragraph of the Claimant's Submissions.

Per 

KALLIOPI (POPPI) GATIS

SOLICITOR FOR THE NORTHERN TERRITORY

27 September 2018



ENLARGEMENT
Not to scale

MICROFILMED 13/1/94

<p>Department of Lands and Housing Northern Territory</p>	<p>I, <u>Ernesto MASTAGLIA</u>, hereby certify that the survey represented on this plan was carried out by me or under my immediate supervision and was completed on <u>10/10/1992</u> and that this survey has been executed in accordance with the Licensed Surveyors Act and the Directions thereunder.</p> <p><u>Ernesto Mastaglia</u> 2-12-92 Licensed Surveyor Date</p>	<p>AMENDMENTS</p> <table border="1"> <thead> <tr> <th>Reference</th> <th>Details</th> <th>Approved</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		Reference	Details	Approved	Date					<p>Notes: Reference marks are at one metre unless otherwise shown.</p>	<p>Field Book S92/288</p> <p>Drawn P. Killalea 18/11/92 AUSLIG C92/107</p> <p>Examined <u>Rick Bryant</u> 2-6-93</p> <p>Map Reference Hundred of Goyder 1-31680</p>	<p></p> <p>True Mid. Bearings</p> <p>Assumed from <u>S.92/238B</u></p> <p>Observed at</p>	<p>LEGEND</p> <p>Concrete Post <input checked="" type="checkbox"/></p> <p>Concrete Block <input type="checkbox"/></p> <p>Peg or Wooden Post <input type="checkbox"/></p> <p>Reference Mark <input checked="" type="checkbox"/></p> <p>Lockpit <input type="checkbox"/></p> <p>Fence Post <input type="checkbox"/></p>	<p>SECTION 2968</p> <p>HUNDRED OF GOYDER COUNTY OF PALMERSTON</p> <p>SCALE 1:7500</p> <p>0 150 300 450 metres</p> <p>S.92/288</p>
	Reference	Details	Approved	Date												
<p>SURVEY APPROVED</p> <p><u>[Signature]</u> 15-12-93 Delegate of the Surveyor-General Date</p>	<p>WARNING - Damaged or crossed plan will be rejected.</p>															