

# Northern Territory Authorised Mine Sites

| Site Name                           | Current Operator   | Commodities                                | Status                      | Region                 | Location   | First Authorised | Titles   |
|-------------------------------------|--|--|-----------------------------|------------------------|--|------------------|--|
| Abner Project                       | Legend International Holdings, Inc.                          | Diamonds                                   | Authorisation - Exploration | Katherine Region       | Approximately 80 kilometres south of Borroloola.   | 30/07/2010       | EL23117, EL23118, EL26397  |
| ABT One Project                     | Birch, Alan James  | Sand, Soil                                 | Authorisation - Extractive  | Darwin SD and Environs | Approximately 50 kilometres south east of Darwin in the Humpty Doo area.   | 7/07/2010        | EMP27679, EMP27680, EMP29250   |
| Acacia Project                      | Aldebaran Contracting Pty Ltd                                | Sand, Soil, Gravel                         | Authorisation - Extractive  | Darwin SD and Environs | Approximately 32 kilometres from Humpty Doo.   | 26/08/2010       | EMP25963, EMP27784, EMP29003, EMP30450   |
| Acacia Quarry                       | Acacia Quarry Pty Ltd  | Crushed Rock                               | Authorisation - Extractive  | Darwin SD and Environs | approximately 65 kilometres south of Darwin.   | 19/11/2009       | EMP28311, EML24055, EML24054, EML28404   |
| Acacia South Project                | Darwin River Quarries Pty Ltd                                | Sand, Crushed Rock, Dimension Stone        | Authorisation - Exploration | Darwin SD and Environs | Approximately 38 kilometres south of Palmerston.   | 12/08/2015       | EML30501   |
| Alcan Gove Mine                     | Alcan Gove Pty Limited                                       | Bauxite, Alumina                           | Authorisation - Operational | East Arnhem Region     | On the Gove Peninsula.   | 17/07/2002       | MLN955, SML11, SPL213, SPL217, SPL249, SPL253, SPL277  |
| Alcatraz Quarry                     | Chambers, Kenneth John                                       | Crushed Rock, Gravel                       | Authorisation - Extractive  | Darwin SD and Environs | Approximately 60 kilometres south of Darwin in the Acacia Hills area.  | 4/07/2003        | EMLN65, EML30069, EMP26268, EMP26269, EMP31231   |
| Alexandria Station Gypsum           | Northern Cement Limited                                      | Gypsum                                     | Authorisation - Extractive  | Barkly Region          | Approximately 105 kilometres south of Katherine.   | 7/06/2002        | ML30676  |
| Alice Springs Project               | Fulton Hogan Industries Pty Ltd                              | Sand, Crushed Rock                         | Authorisation - Extractive  | Central Region         | Approximately 23 kilometres south of Alice Springs.  | 16/02/2015       | EML29677   |
| Alice Springs Project               | Genesis Resources Limited                                    | Copper                                     | Authorisation - Exploration | Central Region         | Approximately 155 kilometres north east of Alice Springs.  | 13/03/2015       | EL24817  |
| Allamber Project                    | Element 92 Pty Ltd   | Base Metals, Precious Metals               | Authorisation - Exploration | Darwin Region Balance  | Approximately 175 kilometres south east of Darwin. Approximately 35 kilometres north east of Pine Creek.               | 15/09/2009       | EL10043, EL10167, EL23506, EL24549, EL25868, EL27365, EL27649, EL28857, EL29260  |
| Ammaroo Project                     | Verdant Minerals Ltd   | Phosphate                                  | Authorisation - Exploration | Central Region         | Approximately 360 kilometres north east of Alice Springs.  | 7/10/2010        | EL25184, EL24726   |
| Angela Project                      | Optimal Mining Ltd   | Uranium                                    | Authorisation - Exploration | Central Region         | Approximately 25 kilometres south of Alice Springs   | 14/06/2017       | EL25758  |
| Area 47 Project                     | Ostojic Group Pty Ltd  | Sand, Gravel                               | Authorisation - Extractive  | Darwin SD and Environs | Approximately 22 kilometres east of Darwin and approximately five kilometres north west of Howard Springs.             | 26/05/2010       | MA47, MA142  |
| Arltunga Project                    | Genesis Resources Limited                                    | Gold                                       | Authorisation - Exploration | Central Region         | Approximately 110 kilometres north east of Alice Springs.  | 29/03/2012       | EL25238  |
| Arunta Project                      | Kingston Resources Limited                                   | Lithium                                    | Authorisation - Exploration | Central Region         | Approximately 200 kilometres north east of Alice Springs   | 8/08/2017        | EL31138, EL31212   |
| Arunta Project                      | Lithium Plus Pty Ltd   | Lithium                                    | Authorisation - Exploration | Barkly Region          | Delmore Downs area, Northern Territory   | 17/09/2018       | EL31212, EL31138   |
| Attack Creek Project                | S.K. Plant & Equipment Pty. Limited trading as SK Enterprise | Sand, Crushed Rock                         | Authorisation - Extractive  | Barkly Region          | Approximately 75 kilometres north of Tennant Creek.  | 22/05/2003       | EMP22692, EMP23564   |
| Balaka Project                      | Coleman, Craig Bruce   | Soil                                       | Authorisation - Extractive  | Darwin SD and Environs | Approximately 32 kilometres south east of Darwin.  | 23/10/2003       | MA23919  |
| Bamboo and Green Ant Project        | Spectrum Rare Earths Limited                                 | Rare Earths                                | Authorisation - Exploration | Darwin Region Balance  | Approximately 150 kilometres south of Darwin.  | 7/09/2009        | EL25222  |
| Bandicoot and William Reefs Project | Mazlin, Arthur James   | Gold                                       | Authorisation - Operational | Darwin SD and Environs | Approximately 90 kilometres south from Darwin.   | 27/03/2002       | MCN4084, MCN4085, MCN4086, MCN4106   |
| Barkly Project, Tennant Creek       | Colour Minerals Pty Ltd                                      | Gold, Copper                               | Authorisation - Exploration | Barkly Region          | Tennant Creek Area.  | 9/08/2018        | EL28620  |
| Barrow Creek Project                | Australian Minera Resources Pty Ltd                          | Gold, Copper, Lithium                      | Authorisation - Exploration | Barkly Region          | Approximately 280 kilometres north of Alice Springs.   | 20/03/2017       | EL28521  |
| Batchelor Operation                 | Hanson Construction Materials Pty Ltd                        | Sand, Gravel                               | Authorisation - Extractive  | Darwin Region Balance  | Approximately 90 kilometres south of Darwin.   | 23/06/2005       | MLN321   |
| Batchelor Project                   | Korab Resources Limited                                      | Nickel                                     | Authorisation - Exploration | Darwin SD and Environs | Approximately 80 kilometres south of Darwin. Approximately four kilometres east of Batchelor.                          | 29/07/2010       | EL29550, ML27362, MLN512, MLN513, MLN514, MLN515, MLN542, MLN543   |
| Batchelor Project                   | Geolsec Phosphate Operations Pty Ltd                         | Phosphate                                  | Authorisation - Extractive  | Darwin Region Balance  | Approximately 1.5 kilometres from Batchelor.   | 29/01/2014       | ML27362  |
| Batchelor Project                   | Ausmet Resources Limited (now Bounty Mining Limited)         | Magnesite                                  | Authorisation - Exploration | Darwin SD and Environs | Approximately 85 kilometres south of Darwin. Approximately four kilometres east of Batchelor.                          | 22/10/2004       | EL9253, EL9501, MLN542, MLN543, ERL134   |
| Battery Hill Mining Centre          | Edna Berryl Mining Company Pty Ltd                           | Not Applicable                             | Authorisation - Operational | Central Region         | Approximately 2 kilometres east of Tennant Creek.  | 22/09/2017       | MA30395  |
| Beatrice Project                    | Alligator Energy Ltd   | Uranium Oxide, Uranium                     | Authorisation - Exploration | Darwin Region Balance  | Approximately 260 kilometres east of Darwin and 45 kilometres east of Jabiru 90 kilometres northeast of Jabiru.        | 30/06/2015       | EL24291, EL26796   |
| Bigryli Project                     | Energy Metals Ltd  | Vanadium, Uranium                          | Authorisation - Exploration | Central Region         | Approximately 350 kilometres north west of Alice Springs.  | 21/11/2005       | EL24451, EL24453, EL24463, EL24807, ELR46, ELR47, ELR48, ELR49, ELR50, ELR51, ELR52, ELR53, ELR54, ELR55, ELR41, ELR45, EL30002, EL30004, EL30006, EL30144, EL30689, EL31098, EL31636, ELR31319  |
| Black Snake                         | Emmerson Resources Limited                                   | Gold                                       | Authorisation - Exploration | Barkly Region          | The Black Snake gold deposit is located 15km to the East of the town of Tennant Creek.                                 | 17/05/2018       | MLC53  |
| Bonney Project                      | Swoocabe Pty. Limited  | Soil                                       | Authorisation - Extractive  | Barkly Region          | Approximately 45 kilometres from Tennant Creek.  | 14/11/2013       | EMPC70   |
| Bootu Creek Exploration Project     | OM (Manganese) Ltd   | Manganese                                  | Authorisation - Exploration | Barkly Region          | Approximately 120 kilometres north of Tennant Creek.   | 26/08/2011       | EL28041, EL28604, EL31665  |
| Bootu Creek Manganese Project       | OM (Manganese) Ltd   | Manganese                                  | Authorisation - Operational | Barkly Region          | Approximately 125 kilometres north of Tennant Creek.   | 22/05/2002       | EL31665, ML24031   |
| Borroloola Project                  | Sandfire Resources NL  | Copper, Iron, Lead, Zinc                   | Authorisation - Exploration | Katherine Region       | Approximately 660 kilometres south east of Darwin.   | 7/09/2004        | EL24401, EL26555, EL26587, EL26831, EL26833, EL26835, EL26836, EL26837, EL26938, EL26939, EL28508, EL28534, EL28540, EL28541, EL28656, EL28657, EL28658, EL28659, EL29022, MLN624, EL30098, EL30048, EL30137, EL30152, EL30156, EL30157, EL30158, EL30302, EL30305 |
| Borroloola Project                  | Cairns Industries Pty Ltd                                    | Sand, Soil, Gravel                         | Authorisation - Extractive  | Katherine Region       | Approximately 10 kilometres north of Borroloola.   | 8/08/2014        | EMP30165   |
| Borroloola West Project             | West Rock Resources Pty Ltd                                  | Manganese, Copper                          | Authorisation - Exploration | Katherine Region       | Approximately 660 kilometres south east of Darwin.   | 19/08/2013       | EL26938, EL26939, EL28508, EL28534, EL28540, EL28541, EL28657, EL28658, EL28659, EL30157, EL30302, EL30305, MLN624   |
| Brewers Estate Project              | North Concrete (NT) Pty Ltd                                  | Sand, Crushed Rock                         | Authorisation - Extractive  | Central Region         | Approximately 23 kilometres south of Alice Springs.  | 9/06/2010        | EMP27619, EMP27682, MA29974  |
| Bridge Creek Project                | Page, Dale Nevette   | Dimension Stone                            | Authorisation - Extractive  | Darwin Region Balance  | Approximately 33 kilometres south of Adelaide River.   | 9/06/2015        | MLN766, MLN1060, ML30807   |
| Bridge Creek Project                | Trojon Enterprises Pty Ltd                                   | Dimension Stone                            | Authorisation - Operational | Darwin Region Balance  | Approximately 33 kilometres south of Adelaide River.   | 27/04/2018       | MLN1060, MLN766, ML30807   |
| Brocks Creek Mine                   | NT Mining Operations Pty Ltd                                 | Gold-Dore                                  | Authorisation - Operational | Darwin Region Balance  | Approximately 130 kilometres south east of Darwin between Adelaide River and Pine Creek.                               | 11/11/2009       | MLN1139  |
| Browns Oxide Project                | Northern Territories Resources Pty Ltd                       | Copper, Lead, Zinc                         | Authorisation - Operational | Darwin SD and Environs | Approximately 105 kilometres south of Darwin. Approximately seven kilometres north west of Batchelor.                  | 8/03/2017        | MLN139, MLN140, MLN141, MLN142, MLN143, MLN144, MLN145, MLN146, MLN147, MLN150, MLN151, MLN152, MLN157, MLN158, MLN1161  |
| Browns Range Project                | Dropsuite Limited  | Gold, Platinum Group, Rare Earths, Uranium | Authorisation - Exploration | Central Region         | Approximately 780 kilometres north west of Alice Springs. Approximately 180 kilometres from the community of Lajamanu. | 4/11/2009        | EL25207  |
| Burnside Project                    | PNX Metals Limited   | Silver, Gold, Copper, Lead, Zinc           | Authorisation - Exploration | Darwin Region Balance  | Approximately 120 kilometres south east of Darwin.   | 18/08/2015       | EL10012, EL10347, EL23431, EL23536, EL23540, EL23541, EL24018, EL24051, EL24058, EL24351, EL24405, EL24409, EL24715, EL25295, EL25748, EL9608, ELR97   |
| Byers Road Project                  | Darwin River Quarries Pty Ltd                                | Sand, Gravel                               | Authorisation - Extractive  | Darwin SD and Environs | Approximately 65 kilometres south of Darwin.   | 24/11/2014       | EMP30287, EMP30289, EML30972   |
| Bynoe Harbour Project               | Ostojic Group Pty Ltd  | Sand                                       | Authorisation - Extractive  | Darwin SD and Environs | Approximately 115 kilometres from Darwin, near the eastern coastline of the Bynoe Harbour.                             | 1/03/2006        | HLDN8, MLN285, MLN286, MLN287, MLN289, MLN291, MLN292, MLN294, MLN295, MLN297, MLN298, MLN299, MLN300, MLN301, MLN302, MLN303, MLN304  |
| Bynoe Project                       | Core Exploration Ltd   | Lithium                                    | Authorisation - Exploration | Darwin Region Balance  | Approximately 50 kilometres south west from Darwin.  | 17/11/2017       | EL29699, EL30012, EL30015, MLN16   |

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| Bynoe Project 1                     | Kingston Resources Limited                                     | Lithium                          | Authorisation - Exploration | Darwin SD and Environs | Approximately 100 kilometres south west of Darwin.   | 18/01/2017       | EL31091   |
| Bynoe Project 2                     | Kingston Resources Limited                                     | Lithium                          | Authorisation - Exploration | Darwin SD and Environs | Approximately 100 kilometres south west of Darwin.   | 18/01/2017       | EL31092   |
| Bynoe Project 3                     | Kingston Resources Limited                                     | Lithium                          | Authorisation - Exploration | Darwin SD and Environs | Approximately 100 kilometres south west of Darwin.   | 18/01/2017       | EL31133   |
| Canteen Creek                       | Australian Minera Resources Pty Ltd                            | Base Metals, Gold, Tin, Tungsten | Authorisation - Exploration | Barkly Region          | Approximately 170 kilometres south east of Tennant Creek.  | 4/09/2018        | EL27821   |
| Caranbirini Project                 | Marindi Metals Limited   | Base Metals, Zinc                | Authorisation - Exploration | Katherine Region       | Approximately 50 kilometres south west of Borrooloola.   | 3/10/2011        | EL25313, EL28006, EL28007, EL28951, EL28952, EL31424  |
| Carrara Project                     | Teck Australia Pty Ltd   | Silver, Lead, Zinc               | Authorisation - Exploration | Barkly Region          | Approximately 170 kilometres north west of Camooweal (Queensland).   | 26/09/2016       | EL29557, EL29560, EL29793, EL29794, EL30665, EL30816, EL31538   |
| Cave Creek Project                  | Cave Creek Station Pty Ltd.                                    | Sand                             | Authorisation - Extractive  | Katherine Region       | Approximately 95 kilometres south east from Katherine.   | 19/12/2013       | EMP31110  |
| Central Borderlands Project         | Johannsen, Lindsay Andrew                                      | Diamonds                         | Authorisation - Exploration | Central Region         | Approximately 270 kilometres south of Alice Springs.   | 9/08/2018        | EL31573, EL31587  |
| Central Tanami Project              | Northern Star (Tanami) Pty Ltd                                 | Gold                             | Authorisation - Exploration | Central Region         | Approximately 650 kilometres northwest of Alice Springs. □   | 5/06/2017        | EL26925, EL26926, EL28474, EL8797, ML22934, MLS119, MLS120, MLS121, MLS122, MLS123, MLS124, MLS125, MLS126, MSL127, MSL128, MSL129, MSL130, MSL131, MSL132, MSL133, MSL153, MSL167, MSL168, MSL180  |
| Chandler Project                    | Tellus Holdings Ltd  | Salt                             | Authorisation - Exploration | Central Region         | Approximately 120 kilometres south of Alice Springs.   | 13/08/2012       | EL27972, EL27974, EL28900, EL29018, EL27971   |
| Channel Island Project              | Innocente Transport Pty. Limited                               | Sand, Soil, Gravel               | Authorisation - Extractive  | Darwin SD and Environs | Approximately 7 kilometres from Palmerston.  | 26/06/2014       | EMP23742, EMPN1136, MA28730   |
| Charley Creek Project               | Crossland Strategic Metals Ltd                                 | Rare Earths, Uranium             | Authorisation - Exploration | Central Region         | Approximately 100 kilometres west northwest of Alice Springs.  | 27/02/2009       | EL24281, EL25230, EL27358, EL27359, EL28155, EL28224, EL28226, EL28434, EL28795, EL28866, EL29789, EL29853, EL30058   |
| Chessman Project                    | PNX Metals Limited   | Base Metals                      | Authorisation - Exploration | Katherine Region       | Approximately 20 kilometres east of Katherine.   | 23/09/2016       | EL25054, EL28902, ML30293   |
| Combined Project                    | Quarrian Pty. Ltd.   | Sand, Gravel                     | Authorisation - Extractive  | Central Region         | Multiple sites approximately 40 to 67 kilometres south and north respectively from Alice Springs.                                    | 3/09/2012        | EMP28953, EMP28955  |
| Combined Project                    | Mousellis & Sons Pty. Ltd.                                     | Sand, Soil, Gravel               | Authorisation - Extractive  | Darwin SD and Environs | Multiple sites approximately 25 kilometres east of Palmerston and approximately 13 to 38 kilometres south of Palmerston.             | 4/03/2005        | EMP22361, EMP24447, EMP26343, EMP28736, EMP28737, EMP28738, EMP28739, EMP28740, EMP28976, MA24585, MA24642  |
| Combined Project                    | S.K. Plant & Equipment Pty. Limited trading as SK Enterprise   | Sand, Crushed Rock, Gravel       | Authorisation - Extractive  | Darwin SD and Environs | Multiple sites approximately three to nine kilometres from Howard Springs and approximately nine kilometres from Humpty Doo.         | 3/12/2009        | MA25057, MA22804, MA22805, MA23601, MA24687, EMP22321, EMP22486, EMP23464, EMP27676, EMP27786, EMPN1316, EMPN1317, EMPN1331, EMPN1333   |
| Combined Project                    | Alice Springs Sand Supply Pty. Ltd.                            | Sand, Soil, Gravel               | Authorisation - Extractive  | Central Region         | Multiple sites varying from approximately 15-55 kilometres south east of Alice Springs.  | 19/06/2009       | EMPS136, EMP22257, EMP22317, EMP22406, EMP29479, EMP27637, MA193, MA26008, MA29478  |
| Combined Project Area               | Bob Kerr Transport Pty Ltd                                     | Sand, Soil, Gravel               | Authorisation - Extractive  | Darwin SD and Environs | Multiple sites approximately 45-60 south east of Darwin.   | 11/08/2011       | EMP23535, EMP24595, EMP24598, EMP24599, EMPN1056, EMPN1315, MA22264, MA22487, MA24584, MA24742, EMP29379, EMP29378, EMP25200, EMP27797  |
| Cosmo Howley Project Area           | NT Mining Operations Pty Ltd                                   | Gold                             | Authorisation - Exploration | Darwin Region Balance  | Located 2.7 km west of the Stuart Highway, 40 km south-east of Adelaide River township   | 11/05/2018       | MLN993  |
| Cosmo Project                       | NT Mining Operations Pty Ltd                                   | Gold-Dore                        | Authorisation - Operational | Darwin Region Balance  | Approximately 160 kilometres south of Darwin. Approximately 12 kilometres north west of the Hayes Creek Wayside Inn.                 | 11/11/2009       | EL23536, EL23541, EL24409, ELR89, ELR97, MCN377, MCN378, MCN379, MCN380, MCN852, MCN853, MCN854, MCN855, MCN856, MCN857, MCN1014, MCN1015, MCN1035, MCN1231, MCN1232, MCN3089, MCN3100, MCN3101, MCN3102, MCN3103, MCN3104, MCN3105, MCN3106, MCN3107, MCN3108, MCN3109, MCN3110, MCN3111, MCN3112, MCN3113, MCN3114, MCN3115, MCN3117, MCN3422, MCN4299, MCN4860, MCN4861, MLN809, MLN884, MLN885, MLN886, MLN887, MLN888, MLN889, MLN890, MLN891, MLN892, MLN993, MLN1000, MLN1027, MLN1053, MLN1060, MLN1062, MLN1979  |
| Cox Peninsular Project              | A & SF Maddalozzo Family Trust trading as All Earth Industries | Sand, Crushed Rock, Gravel       | Authorisation - Extractive  | Darwin Region Balance  | Approximately 55 kilometres south of Darwin.   | 8/04/2013        | EMP23626, EMP24094, EMP29780, EMP30687  |
| Cox Peninsular Project              | Kigilia Pty Ltd  | Sand, Gravel                     | Authorisation - Extractive  | Darwin SD and Environs | Approximately 45 kilometres from the intersection of the Cox Peninsular Road and the Stuart Highway.                                 | 14/08/2015       | EMP30800  |
| Darwin Region North Project         | A & SF Maddalozzo Family Trust trading as All Earth Industries | Sand, Soil, Gravel               | Authorisation - Extractive  | Darwin SD and Environs | Multiple sites approximately 21 to 50 kilometres from Darwin.  | 5/04/2013        | EMP24005, EMP22261, EMP22693, EMP25149, EMP30667, EMP23481  |
| Darwin Region South Project         | A & SF Maddalozzo Family Trust trading as All Earth Industries | Crushed Rock                     | Authorisation - Extractive  | Darwin SD and Environs | Approximately 8.5 kilometres from Palmerston and approximately 60 kilometres from the intersection of the Stuart and Arnhem Highways | 2/04/2013        | MA471, MA22962, MA472, MA511, MA512, MA23697, EMP24175, EMP22634, EMP22637, EMP24066, EMP27767, EMP27866, EMP27867, EMP22633  |
| Debbil Debbil Creek Project         | Lagoon Creek Resources Pty Ltd                                 | Gold, Uranium                    | Authorisation - Exploration | Katherine Region       | Approximately 250 kilometres south east of Borrooloola. Adjacent to the Queensland border.   | 11/08/2010       | EL29898   |
| Dhupuma Exploration Project         | Gulkula Mining Company Pty Ltd                                 | Bauxite                          | Authorisation - Exploration | East Arnhem Region     | Approximately 720 kilometres north east of Katherine.  | 14/08/2014       | EL30226   |
| Dhupuma Plateau Bauxite Mine        | Gulkula Mining Company Pty Ltd                                 | Bauxite                          | Authorisation - Operational | East Arnhem Region     | Approximately 30km south by road from the town of Nhulunbuy on the Gove Peninsula.   | 23/06/2017       | EL30226, ML31025  |
| Dorisvale Project                   | Micronised Mineral Solutions Pty Ltd                           | Barite                           | Authorisation - Exploration | Katherine Region       | Approximately 98 kilometres west of Katherine and approximately 21 kilometres south from Pine Creek.                                 | 16/06/2015       | MLN697, MLN698, ML30230, ML30231  |
| Dot Six Mine                        | Bremner, Peter   | Gold                             | Authorisation - Operational | Barkly Region          | Approximately two kilometres from Tennant Creek.   | 15/07/2010       | MLC629  |
| Dulcie Project                      | Oates, Tom   | Copper, Lead, Zinc               | Authorisation - Exploration | Central Region         | Approximately 240 kilometres north east of Alice Springs.  | 24/12/2015       | EL30801   |
| Earthbuilt Koolpinyah Project       | Earthbuilt Pty Ltd   | Gravel                           | Authorisation - Extractive  | Darwin Region Balance  | Site is 19km from Palmerston.  | 2/08/2018        | EMP30028, EMP30031  |
| East Arnhem Land Project            | Groote Eylandt Mining Company Proprietary Limited              | Manganese                        | Authorisation - Exploration | East Arnhem Region     | Approximately 25 kilometres west of Nhulunbuy/Gove.  | 13/06/2012       | EL4171, EL24389, EL24524  |
| East Rover Project                  | Western Desert Resources Ltd                                   | Gold, Bismuth, Copper            | Authorisation - Exploration | Barkly Region          | Multiple sites approximately 30 to 80 kilometres south west of Tennant Creek.  | 17/11/2009       | EL25581   |
| Eastern Leases Project              | Groote Eylandt Mining Company Proprietary Limited              | Manganese                        | Authorisation - Exploration | East Arnhem Region     | Located in the south-western part of Groote Eylandt  | 14/07/2017       | ML31219, ML31220  |
| Eastern Project Area                | Emmerson Resources Limited                                     | Gold, Base Metals, Copper        | Authorisation - Exploration | Barkly Region          | Approximately 35 kilometres east and south east of Tennant Creek.  | 10/12/2008       | EL9403, EL9958, EL10114, EL10124, EL10313, EL10406, EL26787, EL27011, EL27408, EL27537, EL27538, EL28618, EL28760, EL28761, EL30167, EL30748, EL30584, MCC9, MCC66, MCC67, MCC203, MCC211, MCC239, MCC240, MCC316, MCC317, MCC340, MCC341, MCC925, MCC926, MLC4, MLC5, MLC15, MLC16, MLC32, MLC35, MLC36, MLC37, MLC38, MLC50, MLC51, MLC52, MLC53, MLC54, MLC55, MLC56, MLC127, MLC129, MLC130, MLC131, MLC132, MLC133, MLC134, MLC135, MLC136, MLC137, MLC138, MLC139, MLC140, MLC141, MLC142, MLC143, MLC144, MLC146, MLC147, MLC148, MLC149, MLC182, MLC183, MLC184, MLC204, MLC205, MLC206, MLC207, MLC208, MLC209, MLC253, MLC254, MLC255, MLC256, MLC257, MLC258, MLC259, MLC260, MLC261, MLC343, MLC344, MLC345, MLC346, MLC347, MLC348, MLC349, MLC350, MLC351, MLC352, MLC353, MLC354, MLC355, MLC362, MLC363, MLC364, MLC365, MLC366, MLC367, MLC368, MLC369, MLC370, MLC371, MLC372, MLC373, MLC374, MLC375, MLC376, MLC377, MLC378, MLC379, MLC380, MLC381, MLC382, MLC383, MLC384, MLC385, MLC386, MLC387, MLC406, MLC407, MLC408, MLC409, MLC432, MLC498, MLC499, MLC500, MLC501, MLC502, MLC503, MLC504, MLC505, MLC518, MLC522, MLC523, MLC524, MLC528, MLC529, MLC530, MLC535, MLC546, MLC558, MLC576, MLC577, MLC581, MLC582, MLC583, MLC584, MLC585, MLC586, MLC598, MLC606, MLC607, MLC608, MLC609, MLC610, MLC611, MLC612, MLC613, MLC614, MLC615, MLC616, MLC644, MLC683, ML30620, ML30623, ML30712, ML30713, ML30743, ML22284, ML30716, ML30742, ML30815, ML30938, ML30945, ML31074 |
| Edna Beryl Mine                     | Edna Beryl Mining Company Pty Ltd                              | Gold                             | Authorisation - Operational | Barkly Region          | Approximately 37 kilometres north of Tennant Creek. □  | 28/07/2016       | MLC705  |
| Edna Beryl Mine Dewatering Pipeline | Emmerson Resources Limited                                     | Gold                             | Authorisation - Operational | Central Region         | Approximately 37 kilometres north of Tennant Creek. □  | 18/10/2018       | EL28776, ML30177, ML30870, ML30909, MLC705  |

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| Eva Project                          | Verdant Minerals Ltd                              | Uranium   | Authorisation - Exploration | Barkly Region          | Approximately 950 kilometres south east of Darwin and approximately 20 kilometres from the Northern Territory and Queensland border.                            | 17/12/2014       | MLN585, MLN578   |
| Ewan Edward Project                  | Truscott Mining Corporation Ltd                   | Gold  | Authorisation - Exploration | Barkly Region          | Approximately 25 kilometres south east of Tennant Creek.  | 15/12/2004       | EL31532  |
| Fenn Gap Project                     | Genesis Resources Limited                         | Manganese, Iron                                   | Authorisation - Exploration | Central Region         | Approximately 30 kilometres south west of Alice Springs.  | 5/01/2010        | EL24839  |
| Fenton                               | Newmont Exploration Pty Ltd                       | Gold  | Authorisation - Exploration | Darwin Region Balance  | Located 130km southeast from Darwin, Northern Territory   | 24/07/2018       | EL31350  |
| Fergusson River Sands Project        | Flowmore Resource Management Pty Ltd              | Sand  | Authorisation - Extractive  | Katherine Region       | Approximately 280 kilometres south of Darwin.   | 29/10/2008       | EMP27068, EMP29618   |
| Finniss Project                      | Core Exploration Ltd                              | Lithium   | Authorisation - Exploration | Darwin SD and Environs | Approximately 32 kilometres west of Darwin.   | 25/07/2016       | EL29698  |
| Finniss River Peat Project           | Resource Bio Management Pty Ltd                   | Soil  | Authorisation - Extractive  | Darwin Region Balance  | Approximately 30 kilometres from Dundee Beach.  | 26/08/2008       | EMP29162, EMP29174, EMP29175, EMP30034, EMP30035, EMEL30481, EMEL30482   |
| Five Mile Plain Project              | Sauer, Mark Ian                                   | Sand, Gravel                                      | Authorisation - Extractive  | Katherine Region       | Approximately 10 kilometres from Borroloola.  | 26/11/2013       | EMP29858   |
| Florina Project                      | Tracker Geoservices Pty Ltd                       | Potash  | Authorisation - Exploration | Katherine Region       | Approximately 70 kilometres west of Katherine.  | 29/09/2016       | EL30603  |
| Flynn Project                        | Swoocabe Pty. Limited                             | Crushed Rock                                      | Authorisation - Extractive  | Barkly Region          | Approximately 30 kilometres north of the Three Ways intersection at the Barkly and Stuart Highways.   | 7/05/2013        | EMPC73   |
| Fountain Head Project                | PNX Metals Limited                                | Gold  | Authorisation - Exploration | Darwin Region Balance  | Located 2.7 km east of the Stuart Highway, 40 km south-east of Adelaide River township  | 19/06/2018       | MLN4, MLN1020, MLN1034, ML31124  |
| Fountain Head/Tally Ho Project       | NT Mining Operations Pty Ltd                      | Gold-Dore   | Authorisation - Operational | Darwin Region Balance  | Approximately 130 kilometres south-east of Darwin.  | 11/11/2009       | MCN1172, MCN4785, MLN4, MLN206, MLN1020, MLN1034   |
| Frances Creek Exploration Project    | TRL Frances Creek Pty Ltd                         | Iron Ore  | Authorisation - Exploration | Darwin Region Balance  | Approximately 210 kilometres south of Darwin and approximately 23 kilometres north of Pine Creek.   | 9/11/2012        | EL10137, EL22856, EL23506, EL23824, EL24045, EL24715, EL24990, EL29862, EL9999, EL30832, ML24727, ML25087, ML25088, ML25152, ML25396, ML25529, ML26222, ML27224, ML27225, ML27226, ML27228, ML27229, ML27230, ML27807, ML27808, ML27227, MA389 |
| Frances Creek Mine Project           | TRL Frances Creek Pty Ltd                         | Iron Ore  | Authorisation - Operational | Darwin Region Balance  | Approximately 180 kilometres south of Darwin. Approximately 25 kilometres north of Pine Creek.  | 8/12/2008        | MA389, EL24045, ML24727, ML25396, ML25087, ML25152, ML25088  |
| Galaru East Woody Project            | Rirratjingu Mining Pty Ltd                        | Sand  | Authorisation - Extractive  | East Arnhem Region     | Approximately four kilometres west of the centre of Nhulunbuy.  | 26/03/2010       | MA25635  |
| Gemco Mine                           | Groote Eylandt Mining Company Proprietary Limited | Manganese   | Authorisation - Operational | East Arnhem Region     | Approximately 640 kilometres east of Darwin, on the western side of Groote Eylandt.   | 9/04/2003        | ML31219, ML31220, MLN2, MLN3, MLN951, MLN952, MLN953, MLN956, MLN957, MLN958, MLN959, MLN960, MLN961, SPL382, SPL383, SPL392, SPL393   |
| George Waterhouse Project            | Magnetite Mines Limited                           | Gold, Base Metals, Iron, Uranium, Precious Metals | Authorisation - Exploration | Darwin SD and Environs | Approximately 100 kilometres south of Darwin and approximately 12 kilometres south west of Batchelor.   | 19/04/2010       | EL24550, EL27354   |
| Georgina Basin Project               | Mincor Zinc Pty Ltd                               | Zinc  | Authorisation - Exploration | Central Region         | Approximately 250 to 450 kilometres north east of Alice Springs.  | 3/03/2011        | EL25089, EL25091   |
| Georgina Basin Project               | Auvex Manganese Ltd                               | Manganese   | Authorisation - Exploration | Central Region         | Approximately 400 kilometres east northeast of Alice Springs.   | 26/10/2012       | EL26904, EL27044, EL27314, EL27315, EL25982, EL25983, EL26380  |
| Getaway Mine                         | Jones, Selwyn Thomas                              | Gold  | Authorisation - Operational | Darwin Region Balance  | Approximately 30 kilometres from Pine Creek.  | 3/01/2017        | ML30259  |
| Girraween Road Sand Pit              | Hy-Tec Industries (Northern Territory) Pty Ltd    | Sand, Crushed Rock, Gravel                        | Authorisation - Extractive  | Darwin Region Balance  | Approximately 40 kilometres south east of Darwin.   | 31/07/2017       | EMLN29   |
| Glencoe Project                      | Ark Mines Ltd                                     | Not Applicable                                    | Authorisation - Operational | Darwin Region Balance  | Approximately 120km southeast of Darwin, and 50km northwest of the Pine Creek Township.   | 13/02/2018       | ML29679  |
| Golden Crown Project                 | Endeavour Investments (NT) Pty Ltd                | Gold  | Authorisation - Exploration | Darwin Region Balance  | Approximately 160 kilometres south west from Darwin   | 24/06/2015       | ML29678  |
| Good Rock Project                    | Magie, Jimmie                                     | Gold  | Authorisation - Operational | Darwin Region Balance  | Approximately 50 km north west of Pine Creek.   | 30/11/2017       | ML29927  |
| Gosse River Project                  | Swoocabe Pty. Limited                             | Sand  | Authorisation - Extractive  | Barkly Region          | Approximately 50 kilometres south east of Tennant Creek.  | 25/03/2013       | EMPC69, MA23069  |
| Gove Blue Metal Quarry               | Rirratjingu Mining Pty Ltd                        | Crushed Rock                                      | Authorisation - Extractive  | East Arnhem Region     | Approximately 730 kilometres north east from Katherine, near Nhulunbuy/Gove.  | 11/01/2010       | MA26346  |
| Grave Yard Bore Project              | Ferdies Find Pty Ltd                              | Gold, Copper                                      | Authorisation - Exploration | Central Region         | Approximately 570 kilometres northwest from Alice Springs.  | 8/05/2017        | EL30256  |
| Great Northern Project               | CR & E Pty Ltd                                    | Gold  | Authorisation - Exploration | Darwin Region Balance  | Approximately 110 kilometres south of Darwin.   | 31/08/2017       | MLN893, MLN894   |
| Great Northern Project               | Mining & Civil Services Pty Ltd                   | Gold  | Authorisation - Operational | Darwin Region Balance  | Approximately 100 kilometres south east of Darwin and approximately 30 kilometres east of Adelaide River.   | 22/02/2011       | ML30232  |
| Gunn Point - Koolpinyah Project      | Moussellis & Sons Pty. Ltd.                       | Sand, Soil, Gravel                                | Authorisation - Extractive  | Darwin Region Balance  | Approximately 16 kilometres east of Palmerston  | 14/11/2017       | EMP27924, EMP28195   |
| Gunn Point Koolpinyah Project        | Cecon Transport Pty. Ltd.                         | Sand, Gravel                                      | Authorisation - Extractive  | Darwin SD and Environs | Approximately 16 kilometres north east of Palmerston and approximately 36 kilometres north east of Darwin.  | 28/02/2014       | EMP25441, EMP26237, EMP27294, EMP27295, EMP27296, EMP27297, EMP28800, EMP27146, EMP27147   |
| Gunn Point North and Koolpinyah West | Allan King & Sons Construction Pty Ltd            | Sand, Soil, Gravel                                | Authorisation - Extractive  | Darwin SD and Environs | Approximately 36 kilometres north east of Darwin. Approximately 16 kilometres north east of Palmerston.   | 9/05/2013        | EMP25860, EMP28392, EMP28393   |
| Gunn Point Road North Project        | Ostojic Group Pty Ltd                             | Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 30 kilometres north east of Palmerston  | 7/06/2018        | EMP31643, EMP31644, EMP31645, EMP31647, EMP31648, EMP31649, EMP31661, EMP31662   |
| Gunn Point Road Project              | Hillier, Anthony Michael                          | Sand, Soil, Gravel                                | Authorisation - Extractive  | Darwin SD and Environs | Approximately 28 kilometres south of Darwin. Approximately 13 kilometres east of Palmerston.  | 30/06/2011       | EMP27924, EMP27925, EMP27926   |
| Harts Range Mine                     | Australian Abrasive Minerals Pty Ltd              | Mineral Sands Concentrate                         | Authorisation - Operational | Central Region         | Approximately 140 kilometres north east of Alice Springs.   | 27/09/2013       | ML28614, EL24360, EL28696, EL24378, EL30138  |
| Harts Ranges Garnet & Kyanite        | Pinnacle Exploration Pty Ltd                      | Garnet, Kyanite                                   | Authorisation - Exploration | Central Region         | The project area is located approximately 140km NE of Alice Springs, near Quartz Hill, NT   | 1/11/2018        | EL30837  |
| Hatches Creek                        | NT Tungsten Pty Ltd                               | Tungsten/Wolfram                                  | Authorisation - Exploration | Barkly Region          | Approximately 325 kilometres north east of Alice Springs and 160 kilometres south east of Tennant Creek.  | 5/09/2016        | EL23463, EL22912   |
| Hayes Creek Project                  | Rockland Resources Pty Ltd                        | Uranium   | Authorisation - Exploration | Darwin Region Balance  | Approximately 120 kilometres south of Darwin.   | 11/06/2014       | EL25553, EL10120, EL25120, EL27363, EL25379, EL23509, EL23431, EL24018, MLN1139, ML29933   |
| Hayes Creek Project                  | Birch, Alan James                                 | Sand  | Authorisation - Extractive  | Darwin Region Balance  | Approximately six kilometres east of Hayes Creek.   | 24/10/2014       | EMP30263, EMP30264   |
| Hayes Creek Project                  | PNX Metals Limited                                | Silver, Gold, Lead, Zinc                          | Authorisation - Exploration | Darwin Region Balance  | Approximately 170 kilometres south of Darwin.   | 16/10/2014       | MLN1033, MLN214, MLN349, MLN342, MLN405, ML30589, ML30512, MLN343, MLN346, MLN341, MLN1039, MLN811, MLN816, MLN459   |
| Highland Plains Project              | Poz Minerals Limited                              | Phosphate   | Authorisation - Exploration | Barkly Region          | Approximately 230 kilometres north northwest of Camooweal in Queensland, north east of Tennant Creek and close to the northern Territory and Queensland border. | 1/08/2008        | EL25068  |
| Highland Rocks Project               | Ramelius Resources Limited                        | Gold  | Authorisation - Exploration | Central Region         | Approximately 500 kilometres north west of Alice Springs.   | 11/02/2016       | EL27511, EL29829, EL27995  |
| Highlander Project                   | Assetowl Limited                                  | Gold  | Authorisation - Exploration | Darwin SD and Environs | Approximately 80 kilometres south of Darwin.  | 30/03/2011       | EL26094  |



## Northern Territory Authorised Mine Sites

| Site Name                            | Current Operator                           | Commodities   | Status                      | Region                 | Location   | First Authorised | Titles  |
|--------------------------------------|--|---|-----------------------------|------------------------|--|------------------|---|
| Home of Bullion Project              | Kidman Resources Limited                   | Silver, Gold, Base Metals, Copper, Lead, Zinc         | Authorisation - Exploration | Barkly Region          | Approximately 250 kilometres north of Alice Springs. Approximately 30 kilometres east of the Barrow Creek Roadhouse.   | 17/07/2012       | EL23186   |
| Honcho Project                       | Ark Mines Ltd                              | Gold  | Authorisation - Exploration | Darwin Region Balance  | Approximately 25 kilometres north from the Pine Creek township.  | 13/08/2014       | MA389   |
| Howard North Project                 | Berno Bros. Pty. Limited                   | Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 35 kilometres south east of Darwin.  | 18/07/2003       | EMP1313   |
| Howard Peninsula Project             | Sage Constructions Pty. Ltd.               | Sand, Soil, Gravel                                    | Authorisation - Extractive  | Darwin SD and Environs | Approximately 24 kilometres east of Darwin. Approximately 13 kilometres north northeast of Palmerston.   | 22/03/2007       | EMP1138, EMPN1143, EMPN1144, EMPN1145, EMPN1263, EMPN1268, EMPN1277, EMPN1298, EMPN22143, EMPN22323, EMPN22324, EMPN22325, EMPN22453, MA22801, MA22802, MA22803             |
| Howard Peninsula Project             | Innocente Transport Pty. Limited           | Sand, Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Approximately six kilometres north east from Palmerston.   | 27/03/2014       | EMP25342, MA24458, MA29462, MA29615   |
| Howard River Lot 1 Sand Project      | Berno Bros. Pty. Limited                   | Sand  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 35 kilometres south east of Darwin.  | 19/09/2003       | EMP23036, EMP23037, EMP23038, EMP23039, EMP25527  |
| Howard Springs and Scrubby Creek Cor | Boral Resources (QLD) Pty. Limited         | Sand, Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Multiple sites approximately 27 and 30 kilometres east of Darwin.  | 17/12/2012       | EMLN9, EMLN52, EMLN53, EMPN1166, EMPN1329, EMPN1330, EMP23325, EMP23600, EMP23611, EML24626, EMP28277, EMP29505, EML29506, EMPN1283, EMP27497, EMP27556, EMP23051, EMP28571 |
| Howard West Project                  | D.A.C. Enterprises Pty. Ltd.               | Sand, Soil, Crushed Rock, Gravel                      | Authorisation - Extractive  | Darwin SD and Environs | Approximately 25 kilometres east of Darwin. Approximately five kilometres north east of Palmerston.  | 22/02/2005       | EMP1300, EMPN1308, EMP23449, EMP24086, EMP24489, EMP26128, EMP26129, EMP28030, EMP28032   |
| Howard West Project                  | L.J. Bandias & Sons Pty. Ltd.              | Sand, Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 21 kilometres south east of Darwin.  | 8/10/2013        | MA29935, MA29936  |
| Howard West Project                  | Ostojic Group Pty Ltd                      | Soil, Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 11 kilometres from Palmerston.   | 11/12/2013       | MA477, EMP29536   |
| Huandot Magnesite Project            | Thessally Resources Pty Ltd                | Magnesite   | Authorisation - Exploration | Darwin SD and Environs | The Huandot Magnesite project is found within Exploration Licence (EL) 30879. The EL lies approximately 85 km south of Darwin and 10 km east of the township of Batchelor. | 5/04/2018        | EL30879   |
| Huckitta Project                     | Mithril Resources Ltd                      | Gold, Nickel, Copper                                  | Authorisation - Exploration | Central Region         | Approximately 170 kilometres north east of Alice Springs.  | 3/04/2009        | EL26942   |
| Inkheart Project                     | Core Exploration Ltd                       | Silver, Copper, Lead, Zinc                            | Authorisation - Exploration | Central Region         | Approximately 270 kilometres northeast of Alice Springs.   | 29/04/2016       | EL28136   |
| Inpex Project                        | JKC Australia LNG Pty Ltd                  | Sand, Soil, Crushed Rock, Gravel                      | Authorisation - Extractive  | Darwin SD and Environs | Approximately 167 kilometres south east of Darwin.   | 12/07/2012       | MA29030   |
| Jabiluka Project                     | Energy Resources of Australia Ltd.         | Uranium   | Authorisation - Operational | Darwin Region Balance  | Approximately 230 kilometres east of Darwin at Jabiru and approximately 22.5 kilometres north of the Ranger Mine.  | 31/07/2003       | MLN1  |
| Jervois Project                      | Core Exploration Ltd                       | Silver, Base Metals, Copper                           | Authorisation - Exploration | Central Region         | Approximately 270 kilometres north east of Alice Springs.  | 28/06/2015       | EL29579, EL29580, EL29581   |
| Jervois Range Project                | Kentor Minerals (NT) Pty Ltd               | Silver, Gold, Copper                                  | Authorisation - Exploration | Central Region         | Approximately 380 kilometres north northeast of Alice Springs.   | 17/04/2012       | ML30180, ML30182, EL25429, ML30829, EL28082   |
| Jessie Gap Project                   | Colcon (NT) Pty. Limited                   | Sand  | Authorisation - Extractive  | Central Region         | Approximately 25 kilometres from Alice Springs   | 2/05/2006        | EMP22593  |
| Karinga Creek Project                | Verdant Minerals Ltd                       | Potash  | Authorisation - Exploration | Central Region         | Approximately 200 to 300 kilometres south west of Alice Springs.   | 11/05/2010       | EL24987, EL25080, EL28205, EL28272  |
| Katherine Project                    | Rowlands Quarries (Katherine) Pty Limited  | Crushed Rock  | Authorisation - Extractive  | Katherine Region       | Approximately 10 kilometres south west of Katherine.   | 5/11/2002        | EML22887, EML23443, EMLN19, EMLN20  |
| Katherine Regional Project           | Suffren Contracting & Plant Hire Pty. Ltd. | Gravel  | Authorisation - Extractive  | Katherine Region       | Approximately 25 to 38 kilometres south of Katherine.  | 16/06/2010       | EMP27344, EMP28000, EMP29291  |
| Katherine Sand Pit Project           | Rowlands Quarries (Katherine) Pty Limited  | Sand, Gravel  | Authorisation - Extractive  | Katherine Region       | Approximately 22 kilometres from Katherine.  | 19/02/2015       | EMP11154  |
| KathyM Mine                          | Muir, Kerry Wayne                          | Gold  | Authorisation - Operational | Barkly Region          | Approximately 145 kilometres south east of Tennant Creek.  | 4/12/2007        | MCC1504   |
| Keith Quarry                         | Postfilm Pty. Limited                      | Crushed Rock  | Authorisation - Extractive  | Katherine Region       | Approximately 11 kilometres south of the Katherine.  | 1/06/2017        | EML31512  |
| Kimberley Project                    | Vandenberg, Peter and Duncan, Ruth         | Dimension Stone                                       | Authorisation - Extractive  | Katherine Region       | Approximately 190 kilometres from Timber Creek.  | 16/04/2010       | EMP27074, MA27908, EMP29674, EMP30557, EMP24491   |
| Koolpinyah East EMEL                 | Sage Constructions Pty. Ltd.               | Sand, Soil, Gravel                                    | Authorisation - Exploration | Darwin SD and Environs | NT Portion 4476, Koolpinyah Perpetual Pastoral Lease   | 16/08/2018       | EMEL31604   |
| Koolpinyah Project                   | L & D Quarries NT Pty Ltd                  | Sand, Gravel  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 30 kilometres east of Darwin.  | 19/06/2017       | EMP22361, EMP22363, EMP22614, EMP22701  |
| Koolpinyah Project                   | L.J. Bandias & Sons Pty. Ltd.              | Sand, Soil, Gravel                                    | Authorisation - Extractive  | Darwin SD and Environs | Approximately 40 kilometres east of Darwin. Approximately 20 kilometres east of Palmerston.  | 27/07/2011       | EMP28195  |
| Koolpinyah Project                   | Hawk Earthmoving Pty. Ltd.                 | Sand, Soil, Gravel                                    | Authorisation - Extractive  | Darwin SD and Environs | Approximately 30 kilometres east of Darwin and 22 kilometres north east of Palmerston.   | 5/07/2013        | EMP22361, EMP22363, EMP22614, EMP22701  |
| Koolpinyah Project                   | East Arm Civil Pty Ltd                     | Sand, Soil, Gravel                                    | Authorisation - Extractive  | Darwin SD and Environs | Approximately 25 kilometres south east of Darwin. Approximately 16 kilometres south of Palmerston.   | 17/03/2011       | EMP25865  |
| Koolpinyah West EMEL                 | Sage Constructions Pty. Ltd.               | Gravel  | Authorisation - Exploration | Darwin SD and Environs | Approx 16 kilometres along Gunn Point Rd from the Stuart Highway turnoff.  | 16/08/2018       | EMEL31605, EMEL31656  |
| Kulgera Project                      | Alice Springs Sand Supply Pty. Ltd.        | Crushed Rock  | Authorisation - Extractive  | Central Region         | Approximately 296 kilometres south from Alice Springs.   | 14/12/2016       | EMP31264  |
| Kurundi Project                      | Burger, Peter Alexander                    | Gold, Tungsten/Wolfram, Lithium, Tin and/or Tantalite | Authorisation - Exploration | Barkly Region          | Approximately 200 kilometres south east of Tennant Creek.  | 19/10/2006       | EL23937   |
| Kurundi Project                      | Washington Resources Limited               | Gold, Tungsten/Wolfram, Lithium, Tin and/or Tantalite | Authorisation - Exploration | Barkly Region          | Approximately 80 kilometres south east of Tennant Creek.   | 11/10/2007       | EL23937, EL24995  |
| Kurundie Mineral Claims              | Monckton, Robert James                     | Gold  | Authorisation - Operational | Barkly Region          | Approximately 22 kilometres from Epenarra Station.   | 24/07/2002       | ML30411   |
| Lagoon Creek Project                 | Lagoon Creek Resources Pty Ltd             | Uranium   | Authorisation - Exploration | Barkly Region          | Approximately 250 kilometres south east of Borroloola. Adjacent to the Queensland border.  | 27/09/2006       | EL23573   |
| Lake Mackay Project                  | Independence Group NL                      | Gold  | Authorisation - Exploration | Central Region         | Approximately 460 kilometres west north west of Alice Springs.   | 26/08/2014       | EL24915, EL25146, EL29747, EL30729, EL30730, EL30731, EL30732, EL30733, EL30739, EL30740, EL31234, EL31794  |
| Laterite Project                     | P.F. & C.J. Brown Pty. Ltd.                | Gravel  | Authorisation - Extractive  | Central Region         | Approximately 50 kilometres north of Alice Springs.  | 23/04/2009       | EMP26721  |
| Lindeman's Bore Project              | Proto Resources & Investments Ltd          | Gold, Platinum Group, Nickel, Copper                  | Authorisation - Exploration | Katherine Region       | Approximately 570 kilometres south of Darwin. Approximately 380 kilometres south west of Katherine.  | 26/05/2009       | EL25307   |

## Northern Territory Authorised Mine Sites

| Site Name                               | Current Operator                                    | Commodities                             | Status                      | Region                 | Location  | First Authorised | Titles   |
|---|---|---|-----------------------------|------------------------|---|------------------|--|
| Litchfield Project                      | Core Exploration Ltd                                | Lithium                                 | Authorisation - Exploration | Darwin SD and Environs | Approximately 50 kilometres south south west of Darwin.   | 22/11/2016       | EL31127  |
| Litchfield Project                      | Risk, William Maxwell, trading as Barda Contractors | Sand, Gravel                            | Authorisation - Extractive  | Darwin Region Balance  | Approximately 55 kilometres south of Darwin.  | 18/01/2017       | EMP29568   |
| Litchfield Tenements - North            | Northern Territories Resources Pty Ltd              | Base Metals                             | Authorisation - Exploration | Darwin SD and Environs | Approximately 105 kilometres south of Darwin. Approximately seven kilometres north west of Batchelor.   | 2/08/2018        | MLN144, MLN1157, MLN1158, MLN1161, EL24472, ELR125                                       |
| Little Mary Project                     | Wright, Anthony                                     | Gold, Copper                            | Authorisation - Exploration | Katherine Region       | This site is accessed via an existing track leading off the Kakadu Highway approximately 50km North East from Pine Creek and the location is NT Portion 1631 Mary River East. | 8/09/2017        | EL27137, EL27820, EL28015  |
| Magic Mountain Project                  | Barfuss, Uwe  | Vermiculite                             | Authorisation - Exploration | Central Region         | Approximately 130 kilometres north east of Alice Springs.   | 18/08/2004       | EL25063, ML30884, EL25430, ML31019, ML31396, ML31397, ML31398, ML31399, ML31400, ML31401 |
| Malbunka Project                        | McLaughlin, Dehne                                   | Gemstones                               | Authorisation - Operational | Central Region         | Approximately 130 kilometres south west of Alice Springs.   | 25/03/2013       | ML29494  |
| Manbarrum Project                       | Todd River Metals Pty Ltd                           | Base Metals                             | Authorisation - Exploration | Darwin Region Balance  | Approximately 70 kilometres northeast of Kununurra WA   | 17/01/2018       | MA24518, MA26581, EL24395, EL25646   |
| Manbulloo Pits Project                  | Downes Graderways Pty. Ltd.                         | Sand, Soil, Gravel                      | Authorisation - Extractive  | Katherine Region       | Approximately 20 kilometres west of Katherine.  | 17/03/2003       | EMP22490, EMP27112, EMP29811, EMP31588   |
| Manbulloo Project                       | R. Holt & Co. (Katherine) Pty. Ltd.                 | Sand, Gravel                            | Authorisation - Extractive  | Katherine Region       | Approximately 23 kilometres south west of Katherine.  | 23/12/2016       | EML30364   |
| Margaret River Project                  | Page, Dale Nevette                                  | Sand, Gravel                            | Authorisation - Extractive  | Darwin Region Balance  | Approximately 165 kilometres south of Darwin.   | 8/09/2016        | EMP29807, EMP29808, EMP30804   |
| Margaret River Project                  | Goldcore Enterprises Pty Ltd                        | Gold                                    | Authorisation - Exploration | Darwin Region Balance  | Approximately 35 kilometres south east of Adelaide River.   | 24/11/2010       | EL27964  |
| Marlow Lagoon Project                   | Strangways Developments Pty. Limited                | Gravel                                  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 1.5 kilometres north west of Palmerston in the Marlow Lagoon area. Approximately 24 kilometres south of Darwin.   | 17/03/2010       | A27945   |
| Mary River Dredge Project               | Berno Bros. Pty. Limited                            | Sand                                    | Authorisation - Extractive  | Darwin Region Balance  | Approximately 110 kilometres from Darwin.   | 29/09/2004       | EMPN1106, EMPN1107, EMPN1108, EMPN25079  |
| Mary River Project                      | Peartree Resources Pty Ltd                          | Iron Ore, Uranium                       | Authorisation - Exploration | Darwin Region Balance  | Approximately 47 kilometres east of Pine Creek.   | 14/10/2008       | EL24250  |
| Mary River Project Area                 | Berno Bros. Pty. Limited                            | Sand                                    | Authorisation - Extractive  | Darwin Region Balance  | Approximately 87 kilometres from Darwin.  | 30/04/2002       | EMP22188   |
| Mataranka Lime Plant and Quarry         | Northern Cement Limited                             | Limestone, Quicklime                    | Authorisation - Extractive  | Katherine Region       | Approximately 430 kilometres south of Darwin. Approximately seven kilometres south of Mataranka   | 7/06/2002        | MCN674, MCN685, MCN2548, MCN2549, MCN2550, MCN2551, MCN2552, MCN2574, ML30212, ML30213   |
| Maud Creek Project                      | NT Mining Operations Pty Ltd                        | Gold                                    | Authorisation - Exploration | Katherine Region       | Approximately 285 kilometres south east of Darwin. Approximately 20 kilometres east of Katherine.   | 11/11/2009       | EL25054, EL28902, ML30260, ML30293   |
| McArthur Basin - Central Batten Project | MMG Exploration Pty Ltd                             | Base Metals                             | Authorisation - Exploration | Katherine Region       | North-eastern NT; McArthur River region   | 12/12/2018       | EL31687  |
| McArthur Basin - South Batten Project   | MMG Exploration Pty Ltd                             | Base Metals                             | Authorisation - Exploration | Katherine Region       | North-eastern NT; McArthur River region   | 6/12/2018        | EL30869, EL30981, EL31044, EL31614, EL31616, EL31688, EL31690, EL31691                   |
| McArthur River Mine                     | McArthur River Mining Pty. Ltd.                     | Zinc Concentrate, Zinc/Lead Concentrate | Authorisation - Operational | Katherine Region       | Approximately 45 kilometres south west of Borroloola.   | 21/01/2003       | MLN1121, MLN1122, MLN1123, MLN1124, MLN1125, MLN1126, MLN582                             |
| McArthur River Project                  | Todd River Metals Pty Ltd                           | Copper                                  | Authorisation - Exploration | Katherine Region       | Approximately 60-80km south west of McArthur River Mine.  | 10/10/2017       | EL27711, EL30085   |
| McArthur River Project                  | Genesis Resources Limited                           | Manganese                               | Authorisation - Exploration | Katherine Region       | Approximately 850 kilometres south east of Darwin. Approximately 210 kilometres from Borroloola.  | 24/11/2011       | EL24814  |
| McCarthy Hill Project                   | Territory Resources Limited                         | Iron Ore                                | Authorisation - Exploration | Darwin Region Balance  | Approximately 25 kilometres east northeast of Pine Creek. Approximately 210 kilometres south of Darwin.   | 20/08/2010       | EL22440  |
| McKeddies Project                       | CR & E Pty Ltd                                      | Gold                                    | Authorisation - Exploration | Darwin Region Balance  | Southwards via the Stuart Highway from Darwin, then eastwards   | 19/11/2018       | EL31022  |
| McKinlay Project                        | Allan King & Sons Construction Pty Ltd              | Dimension Stone                         | Authorisation - Extractive  | Darwin Region Balance  | Approximately 105 kilometres south east of Darwin and 88 kilometres south east from Palmerston.   | 5/01/2012        | EML27133   |
| Merlin Mine Project                     | Merlin Diamonds Limited                             | Diamonds                                | Authorisation - Operational | Katherine Region       | Approximately 720 kilometres south east of Darwin and approximately 70 kilometres south of Borroloola.  | 9/05/2013        | MLN1154  |
| Middle Arm                              | Hi-Spec Civil Equipment Pty Ltd                     | Sand, Gravel                            | Authorisation - Extractive  | Darwin Region Balance  | Approximately 1.5km southwest of Berry Springs.   | 2/03/2018        | EMP28716, EMP28719   |
| Middle Arm Project                      | Tomazos Group Pty Ltd                               | Soil, Gravel                            | Authorisation - Extractive  | Darwin SD and Environs | Approximately 21 kilometres south southeast of Palmerston.  | 30/10/2012       | EMP29447   |
| Middle Arm Project                      | East Arm Civil Pty Ltd                              | Sand, Soil, Gravel                      | Authorisation - Extractive  | Darwin SD and Environs | Approximately 25 kilometres south east of Darwin. Approximately 16 kilometres south of Palmerston.  | 14/10/2013       | EMP25102   |
| Middle Arm Project                      | Ceccon Transport Pty. Ltd.                          | Gravel                                  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 14 kilometres south west of Palmerston and 21 kilometres south east of Darwin.  | 28/02/2014       | EMP27863, MA24730, MA29405   |
| Middle Arm Project                      | Hillier, Anthony Michael                            | Gravel                                  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 32 kilometres south of Darwin. Approximately 19 kilometres east of Palmerston.  | 6/09/2013        | EMP28707   |
| Middle Arm Project                      | Moussellis & Sons Pty. Ltd.                         | Sand, Gravel                            | Authorisation - Extractive  | Darwin SD and Environs | Approximately 13 kilometres south of Palmerston.  | 11/10/2013       | MA24585, MA24642   |
| Middle Arm Project                      | Harmer Contracting Pty. Ltd.                        | Sand, Gravel                            | Authorisation - Extractive  | Darwin SD and Environs | Approximately 40 kilometres south of Darwin.  | 1/08/2014        | EMP30249   |
| Middle Arm Project                      | Allan King & Sons Construction Pty Ltd              | Gravel                                  | Authorisation - Extractive  | Darwin SD and Environs | Approximately 35 kilometres south of Darwin and approximately 10 kilometres south west of Palmerston.   | 15/07/2013       | EMP25858, MA24583  |
| Minotaur Project                        | Newmont Tanami Pty Ltd                              | Gold-Dore                               | Authorisation - Operational | Central Region         | Approximately 30 kilometres north East of The Granites Gold Mine.   | 25/08/2003       | ML23283  |
| Moline (Mine) Exploration Site          | Teelow, Michael Daniel                              | Gold, Base Metals                       | Authorisation - Exploration | Darwin Region Balance  | Approximately 40 kilometres north east of Pine Creek. Approximately 200 kilometres south east of Darwin.  | 1/12/2003        | EL23605, MLN1059   |
| Moline Project                          | PNX Metals Limited                                  | Gold                                    | Authorisation - Exploration | Darwin Region Balance  | Approximately 200 kilometres south-east of Darwin, and 50 kilometres north-east of Pine Creek.  | 1/11/2016        | EL28616, ML24173, MLN1059, MLN41   |
| Moline Project                          | NT Mining Operations Pty Ltd                        | Gold-Dore                               | Authorisation - Operational | Darwin Region Balance  | Approximately 40 kilometres north east of Pine Creek. Approximately 200 kilometres south east of Darwin.  | 11/11/2009       | EL28616, ML24173, MLN41, MLN1059   |
| Molyhil Mine                            | Molyhil Mining Pty Ltd                              | Tungsten/Wolfram, Molybdenum            | Authorisation - Exploration | Central Region         | Approximately 240 kilometres north east of Alice Springs.   | 27/04/2004       | EL22349, ML23825, EL31443  |
| Moroak Project                          | Kalyan Resources Pty Ltd                            | Diamonds                                | Authorisation - Exploration | Katherine Region       | Approximately 210 kilometres south west of Katherine.   | 7/09/2018        | EL30115, EL29349, EL29490, EL29493   |
| Mount Bunday and Batchelor Combined     | Boral Resources (QLD) Pty. Limited                  | Crushed Rock                            | Authorisation - Extractive  | Darwin Region Balance  | Multiple sites approximately 93 and 100 kilometres south east of Darwin.  | 1/03/2013        | EMLN59, EMLN66, EMLN80, EML23943, EMPN1284, EMP24615, EML23214, MLN320, MLN321           |

## Northern Territory Authorised Mine Sites

| Site Name                                | Current Operator   | Commodities  | Status                      | Region                 | Location   | First Authorised | Titles  |
|--|--|--|-----------------------------|------------------------|--|------------------|---|
| Mount Bunday Granite Quarry              | Austmin Development Pty Ltd                                    | Dimension Stone                                      | Authorisation - Extractive  | Darwin Region Balance  | Approximately 100 kilometres east of Darwin and approximately 60 kilometres east of Humpty Doo and approximately 10 kilometres west of the Mary River.   | 16/01/2004       | EMLN46, EMLN47, EMLN48, EMLN50, EMLN51  |
| Mount Bundy Project                      | Ostojic Group Pty Ltd  | Sand, Gravel   | Authorisation - Extractive  | Darwin Region Balance  | Approximately 104 kilometres south east of Darwin and 87 kilometres south east from Palmerston.  | 23/06/2014       | EML24309, EML27174, EMP29893, EMP30060, EMP30061, EMP30062, EMP30063  |
| Mount Hardy Project                      | Todd River Metals Pty Ltd                                      | Gold, Copper   | Authorisation - Exploration | Central Region         | Approximately 297 kilometres north west of Alice Springs.  | 26/03/2017       | EL27892, EL28694, EL29219   |
| Mount Paqualin Project                   | NT Mining Operations Pty Ltd                                   | Gold-Dore  | Authorisation - Exploration | Darwin Region Balance  | Approximately 30 kilometres east of Adelaide River.  | 11/11/2009       | EL25748, ML23617  |
| Mount Peake Project                      | Enigma Mining Limited  | Iron Ore, Titanium, Vanadium                         | Authorisation - Exploration | Central Region         | Approximately 220 kilometres north northwest of Alice Springs.   | 5/12/2016        | EL27069, EL27070, EL27941, EL29578, ELR29627, EL30483, EL31389  |
| Mount Porter Project                     | Ark Mines Ltd  | Gold   | Authorisation - Operational | Darwin SD and Environs | Approximately 215 kilometres south of Darwin and approximately 20 kilometres north of Pine Creek.  | 22/08/2016       | ELR116, ML23839   |
| Mount Ringwood Project                   | Northern Gold N.L. (Now Northern Gold Pty Ltd)                 | Gold   | Authorisation - Exploration | Darwin Region Balance  | Approximately 110 kilometres south east of Darwin.   | 11/10/2005       | SEL10012  |
| Mount Todd Mine Project                  | Vista Gold Australia Pty Ltd                                   | Gold   | Authorisation - Exploration | Katherine Region       | Approximately 290 kilometres south of Darwin. Approximately 55 kilometres north west of Katherine  | 20/09/2006       | EL28321, EL29882, EL29886, MLN1070, MLN1071, MLN1127  |
| Mount Tymn Alluvial Operation            | Kensington Gold Pty. Ltd.                                      | Gold   | Authorisation - Operational | Darwin Region Balance  | Approximately 140 kilometres south of Darwin.  | 6/06/2003        | MCN1326, MCN3029, MCN3030, MCN3032, MCN3033, MCN3035, MCN3036, MCN3038, MCN3039   |
| Mount Wells Project                      | Outback Metals Proprietary Limited                             | Gold, Tungsten/Wolfram, Copper, Tin and/or Tantalite | Authorisation - Exploration | Darwin Region Balance  | Between 150 to 200 kilometres south of Darwin, and approximately 37 kilometres north east of Pine Creek.   | 19/08/2008       | EL22301, MLN29911, MLN164, MLN165, MLN197, MLN199, MLN200, MLN463, MLN465, MLN466, MLN467, MLN29910, MLN196   |
| Mountain Creek Project                   | Western Desert Resources Ltd                                   | Iron Ore   | Authorisation - Exploration | Katherine Region       | Approximately 150 kilometres east of Mataranka   | 9/06/2010        | EL25688, EL27143  |
| Mt Bundy Project Area                    | Primary Gold Limited   | Gold   | Authorisation - Exploration | Darwin Region Balance  | Approximately 100km south east of Darwin by road along the Arnhem Highway  | 10/08/2018       | MLN1083, ML29783, ML29786, EL30824  |
| Mt Bundy Quarry                          | Halkitis Bros. Pty. Limited                                    | Sand, Crushed Rock, Gravel                           | Authorisation - Extractive  | Darwin Region Balance  | Approximately 100 kilometres south east of Darwin.   | 3/04/2003        | EMLN74, EMLN75, EMLN76, EMP30803, EML28049, EML24124, EML24202, EML27975, EML28196, EML28048  |
| Muluga Quarry Project                    | A & SF Maddalozzo Family Trust trading as All Earth Industries | Crushed Rock   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 56 kilometres south from Darwin, in the Noonamah locality.   | 18/05/2015       | EML29971, EML29972, EML29973  |
| Nabarlek Uranium Mine                    | Devex Resources Limited  | Uranium  | Authorisation - Exploration | Darwin Region Balance  | Approximately 300 kilometres east of Darwin.   | 28/05/2008       | MLN962  |
| Nathan River Resources Project           | Britmar (Aust) Pty Ltd   | Iron Ore   | Authorisation - Operational | Katherine Region       | The Nathan River Resources Project comprises of three areas, the Mine, Haul Road and Bing Bong Load Facility. The Mine is located approximately 530 km South East of Darwin, which can be accessed by the Roper Highway and Savannah Way or from the Bing Bong Port along the Haul Road.<br>The Haul Road stretches 171 km from the Mine to Bing Bong Port. The Bing Bong Port is situated approximately 50km north of Borroloola. | 13/02/2018       | ML28264, ML28266, ML28267, ML28962, ML28963, ML29628, AA29691, AA29692  |
| Neutral Junction Project                 | Bowgan Minerals Ltd  | Gold, Uranium  | Authorisation - Exploration | Central Region         | Approximately 250 kilometres north east of Tennant Creek.  | 15/02/2010       | EL24253, EL28615, EL29475, EL30797, EL31292   |
| New Era Project                          | Endeavour Investments (NT) Pty Ltd                             | Not Applicable                                       | Authorisation - Operational | Darwin Region Balance  | Approximately 205 kilometers south of Darwin   | 12/10/2017       | ML30259   |
| Nolans Bore Project                      | Arafura Resources Limited                                      | Phosphate, Rare Earths                               | Authorisation - Exploration | Central Region         | Approximately 134 kilometres north of Alice Springs.   | 30/12/2003       | EL28473, EL28498, EL29509, EL31224, EL31284   |
| North Arunta JV Project                  | Gladiator Resources Limited                                    | Gold   | Authorisation - Exploration | Barkly Region          | Approximately 350 kilometres north of Alice Springs.   | 29/10/2018       | EL8766, EL23880, EL23883, EL23884, EL23885, EL23886, EL25031, EL25033, EL25034, EL25035, EL25041, EL25042, EL25044, EL26825, EL28515, EL28727, EL28748, EL29723, EL29724, EL29725, EL29896, EL30470, EL30507, EL30637   |
| North Batten Project                     | MMG Exploration Pty Ltd  | Gold, Nickel, Zinc                                   | Authorisation - Exploration | Katherine Region       | Approximately 500 kilometres south east of Katherine and 25 kilometres west of Borroloola.   | 25/08/2014       | EL26831, EL26833, EL26835, EL26836, EL26856, EL29022, EL30048, EL30137, EL30152, EL30156, EL30158   |
| North Caledonian Mining Project          | Whiting, Allan Douglas   | Gold   | Authorisation - Operational | Darwin Region Balance  | Approximately 230 kilometres south east of Darwin, near Pine Creek.  | 5/07/2007        | MCN4187, MLN788   |
| North Point and Princess Louise Project  | NT Mining Operations Pty Ltd                                   | Gold-Dore  | Authorisation - Operational | Darwin Region Balance  | Approximately 170 kilometres south of Darwin.  | 11/11/2009       | MCN46, MCN47, MCN49, MCN50, MCN624, MCN625, MCN898, MCN899, MCN4432, MCN4434, MLN341, MLN823, MLN824, MLN825, MLN826, MLN827, MLN828, MLN829, MLN830, MLN831, MLN832, MLN858, MLN859, MLN860, MLN861, MLN862, MLN863, MLN940, MLN1112, ML29933  |
| North Road Quarry                        | Hy-Tec Industries (Northern Territory) Pty Ltd                 | Crushed Rock   | Authorisation - Extractive  | Central Region         | Situated on Bond Springs Station, located 8km north along the Stuart Highway from Alice Springs. The Alice Springs to Darwin Railway runs adjacent to the site.  | 31/07/2017       | EMLS40, EMLS41, EMP29872, EMP29873, EMP29874  |
| Northern Project                         | Giants Reef Exploration Pty Ltd                                | Gold, Copper   | Authorisation - Exploration | Barkly Region          | Approximately 40 kilometres north of Tennant Creek.  | 7/09/2004        | EL22583, EL22589, EL23183, EL23745, MCC315, MCC797, MCC888, MCC889, MCC890, MCC891, MCC892, MCC893, MCC894, MCC895, MCC904, MCC905, MCC906, MCC907, MCC908, MCC909, MCC910, MCC912, MCC913, MCC914, MCC915, MCC1065, MCC1348, MCC1349, ML23911, MLC20, MLC24, MLC25, MLC26, MLC27, MLC28, MLC29, MLC30, MLC31, MLC33, MLC34, MLC96, MLC97, MLC304, MLC305, MLC306, MLC307, MLC308, MLC309, MLC310, MLC311, MLC312, MLC313, MLC551, MLC552, MLC554, MLC557, MLC559, MLC560, MLC562, MLC563, MLC564, MLC565, MLC566, MLC567, MLC568, MLC569, MLC570, MLC571, MLC572, MLC573, MLC574, MLC675, MLC676, MLC693, MLC699, MLC700 |
| Northern Project Area                    | Emmerson Resources Limited                                     | Gold, Base Metals, Copper                            | Authorisation - Exploration | Barkly Region          | Approximately 18 to 50 kilometres north of Tennant Creek.  | 10/12/2008       | EL26594, EL26595, EL28776, EL28777, EL28913, EL29012, EL29488, EL30614, ML23969, ML30176, ML29919, ML29917, ML30177, ML30174, ML30745, ML30783, ML30870, ML30873, ML30893, ML30909, ML31021, ML31023, ML31075, MLC21, MLC323, MLC324, MLC325, MLC326, MLC327, MLC506, MLC69, MLC70, MLC705, MLC78, MLC85, MLC86, MLC87, MLC88, MLC89, MLC90, MLC91, MLC92, MLC93, MLC94, MLC95, MLC96, MLC97  |
| Northern Territory Geological Survey Sit | Northern Territory Geological Survey                           | Not Applicable                                       | Authorisation - Exploration | Barkly Region          | Approximately 300 kilometres east of Tennant Creek.  | 15/05/2006       | EL23726   |
| Officer Hills Project                    | Newmont Tanami Pty Ltd   | Gold   | Authorisation - Exploration | Central Region         | Approximately 546 kilometres north west of Alice Springs   | 19/12/2016       | EL23150   |
| Old South Road Project                   | Alice Springs Sand Supply Pty. Ltd.                            | Gravel   | Authorisation - Extractive  | Central Region         | Approximately 25 kilometres south east from Alice Springs.   | 19/03/2015       | EML31113  |
| Ooraminna Project                        | P.F. & C.J. Brown Pty. Ltd.                                    | Crushed Rock   | Authorisation - Extractive  | Central Region         | Approximately 10 kilometres from the Alice Springs airport.  | 29/08/2012       | EMPS146, EMP28935, EMP23900, MA22823  |
| Ooratippra Project                       | CKA Resources Pty Limited                                      | Gold, Base Metals, Copper                            | Authorisation - Exploration | Central Region         | Approximately 300 kilometres north east of Alice Springs.  | 20/09/2012       | EL27526   |
| Orica Explosives Plant Project           | Orica Australia Pty Ltd  | Not Applicable                                       | Authorisation - Operational | Darwin Region Balance  | Approximately 175 kilometres south east of Darwin. Approximately 20 kilometres north west of Pine Creek.   | 24/08/2007       | MLN1109   |
| Pebbles Project                          | Julalikari Council Aboriginal Corporation                      | Crushed Rock   | Authorisation - Extractive  | Barkly Region          | Approximately 25 kilometres north west of Tennant Creek.   | 29/05/2002       | EMPC68  |
| Pedirka Basin Project                    | Tri-Star OPCO LLC  | Iron, Coal   | Authorisation - Exploration | Central Region         | Approximately 490 kilometres south east of Alice Springs, near the Northern Territory and South Australian border.   | 24/12/2010       | EL24899, EL24900, EL24901, EL24902, EL24903, EL24904, EL24913, EL24914, EL26045, EL27219, EL27347, EL27348, EL29233, EL29234, EL29235, EL29685, EL29702, EL29703, EL29704, EL29705, EL29714, EL29715, EL29716, EL30639  |



## Northern Territory Authorised Mine Sites

| Site Name                               | Current Operator   | Commodities               | Status                      | Region                 | Location   | First Authorised | Titles   |
|---|--|---------------------------|-----------------------------|------------------------|--|------------------|--|
| Peko Tailings Project                   | Peko Rehabilitation Project Pty Ltd                            | Iron Ore                  | Authorisation - Operational | Barkly Region          | Approximately 14 kilometres south east of Tennant Creek.   | 24/09/2002       | HLDC19, HLDC20, HLDC21, HLDC22, HLDC25, HLDC26, HLDC27, HLDC28, HLDC29, HLDC30, HLDC31, HLDC33, HLDC38, HLDC60, HLDC61, HLDC62, HLDC63, HLDC64, HLDC66, HLDC67, MCC213, MCC284, MLC3, MLC6, MLC7, MLC8, MLC9, MLC10, MLC11, MLC12, MLC13, MLC14, MLC19, MLC43, MLC44, MLC45, MLC46, MLC47, MLC68, MLC125, MLC126, MLC128, MLC154, MLC155, MLC156, MLC157, MLC507, MLC509, MLC510, MLC512, MLC513, MLC514, MLC515, MLC516, MLC517, MLC519, MLC521, MLC525, MLC526, MLC532, MLC533, MLC534, MLC537, MLC538, MLC539, MLC540, MLC541, MLC542, MLC543, MLC544, MLC548, MLC549, MLC550, MLC556, MLC578, MLC579, MLC589, MLC590, MLC664, MLC665, MLC666, MLC667, MLC688, MLC689, MLC690, MLC691, MLC545 |
| Phillips Earthmoving Contractors Gravel | Phillips Earthmoving Pty Ltd                                   | Gravel                    | Authorisation - Extractive  | Barkly Region          | Approximately 6 kilometres from Tennant Creek. □   | 13/11/2015       | EMP28876   |
| Pine Creek Gold Project                 | NT Mining Operations Pty Ltd                                   | Gold-Dore                 | Authorisation - Operational | Darwin Region Balance  | Approximately 225 kilometres south of Darwin and to the western side of Pine Creek.  | 11/11/2009       | MLN13, MLN1130, ML31020, MA416   |
| Pine Creek Project                      | A & SF Maddalozzo Family Trust trading as All Earth Industries | Sand, Crushed Rock        | Authorisation - Extractive  | Darwin Region Balance  | Approximately 200 kilometres south of Darwin. □  | 5/04/2013        | EMP22932, EMP26261, EMP27397, EMP27484, EMP27485, EMP27486, EMP27487, EMP27488, EMP27489, EMP27490, EMP27491, EMP27492, EMP27493, EMP27494, EMP30298, EMPN1133   |
| Pine Creek Project                      | Rockwash Pty Ltd   | Alluvial Gold             | Authorisation - Exploration | Darwin Region Balance  | Rockwash's Pine Creek Alluvial project currently consists of 6 granted tenements and 1 □ application between Adelaide River and Pine Creek (from 5 to 40km's of Pine Creek □ township) | 8/10/2018        | EL31276, EL31313, EL31517, EL31524, EL31563, EL31632   |
| Quest 29 Project                        | Primary Gold Limited   | Gold-Dore                 | Authorisation - Operational | Darwin Region Balance  | Approximately 100 kilometres south east of Darwin.   | 28/05/2013       | ML29781, ML29782, ML29786, ML29785, EL30824  |
| Ranger Mine                             | Energy Resources of Australia Ltd.                             | Uranium Oxide             | Authorisation - Operational | Darwin Region Balance  | Approximately 260 kilometres east of Darwin and eight kilometres east of Jabiru.   | 17/02/2003       | Authority - Section41  |
| Red Hill Alluvials Project              | Griesbach, Bevan James   | Gold                      | Authorisation - Operational | Darwin Region Balance  | Approximately 165 kilometres south of Darwin   | 5/05/2017        | ML29933, ML29937, ML29940, ML29938   |
| Red Hill Alluvials Project              | Page, Dale Nevette   | Gold                      | Authorisation - Operational | Darwin Region Balance  | Approximately 175 kilometres south from Darwin.  | 2/04/2012        | ML29933, ML29937, ML29938, ML29940   |
| Redcliffe Road Project                  | P. & H. Earthmoving Pty. Limited                               | Gravel                    | Authorisation - Extractive  | Darwin SD and Environs | Approximately 60 kilometres south east of Darwin.  | 2/10/2006        | EMP27239   |
| Reward Project                          | Teck Australia Pty Ltd   | Base Metals               | Authorisation - Exploration | Katherine Region       | Approximately 45 kilometres south west of Borroloola.  | 25/08/2011       | EL10316, EL26406, EL27541, EL30042, EL31518  |
| Roe Creek Project                       | Rocklake Pty. Limited  | Sand                      | Authorisation - Extractive  | Central Region         | Approximately 20 kilometres south west of Alice Springs.   | 6/12/2012        | MA28732, MA22621, MA22622  |
| Roe Creek Sand Project                  | Hy-Tec Industries (Northern Territory) Pty Ltd                 | Sand                      | Authorisation - Extractive  | Central Region         | Approximately 12.5km southwest of Alice Springs via Stuart Highway and Ilpara Road.  | 31/07/2017       | MA22483  |
| Roper Bar Iron Ore Project              | Western Desert Resources Ltd                                   | Iron Ore                  | Authorisation - Exploration | Katherine Region       | Approximately 230 kilometres east of Katherine. Approximately 200 kilometres east of Mataranka.  | 8/09/2008        | EL26759, EL29548, ML28264, ML28266, ML28267, ML28962, ML28963  |
| Roper Bar Mine Project                  | WDR Iron Ore Pty Ltd   | Iron Ore                  | Authorisation - Operational | Katherine Region       | Approximately 230 kilometres east of Katherine. Approximately 200 kilometres east of Mataranka.  | 23/08/2013       | ML28264, ML28266, ML28267, ML28962, ML28963  |
| Roper Bar Mine Project - Bing Bong Por  | WDR Iron Ore Pty Ltd   | Iron Ore                  | Authorisation - Operational | Katherine Region       | Approximately 230 kilometres east of Katherine. Approximately 200 kilometres east of Mataranka.  | 23/08/2013       | AA29692, ML29628   |
| Roper Bar Mine Project - Haul Road      | WDR Iron Ore Pty Ltd   | Iron Ore                  | Authorisation - Operational | Katherine Region       | Approximately 230 kilometres east of Katherine and approximately 200 kilometres east of Mataranka.   | 19/08/2013       | AA29691, ML28264, ML29628  |
| Roper Gulf Shire Council Project        | Roper Gulf Regional Council                                    | Sand, Soil, Gravel        | Authorisation - Extractive  | Katherine Region       | Approximately 660 kilometres south east of Katherine.  | 5/01/2009        | MA29052  |
| Roper Project Area                      | Australian Ilmenite Resources Pty Limited                      | Mineral Sands Concentrate | Authorisation - Exploration | Katherine Region       | Approximately 105 kilometres east of Mataranka.  | 22/04/2002       | EL26524, EL28291, EL30387, EL31129, EL30385, EL31142, EL29033, EL30386   |
| Roper Valley Iron Ore Project           | Northern Territory Iron Ore Pty Ltd                            | Not Applicable            | Authorisation - Exploration | Katherine Region       | Approximately 420 kilometres south east of Darwin.   | 5/12/2016        | EL24101, EL24102, EL26412, ML29584, EL28497, EL30618   |
| Rover Exploratory Decline Project       | Castile Resources Pty Ltd                                      | Gold, Copper              | Authorisation - Exploration | Barkly Region          | Approximately 70 to 100 kilometres from Tennant Creek.   | 16/04/2013       | EL24541, ELR29957, ELR29958  |
| Rover Project                           | Castile Resources Pty Ltd                                      | Gold, Copper              | Authorisation - Exploration | Barkly Region          | Approximately 50 to 100 kilometres from Tennant Creek.   | 18/03/2008       | EL24541, EL25511, EL27039, ELR29957, ELR29958  |
| Rover Project                           | Todd River Metals Pty Ltd                                      | Gold, Copper              | Authorisation - Exploration | Barkly Region          | Located 40-50km southwest of Tennant Creek   | 27/07/2018       | EL25581  |
| Rum Jungle Project Area                 | Territory Resources Limited                                    | Iron Ore                  | Authorisation - Exploration | Darwin SD and Environs | Approximately 90 kilometres south of Darwin and approximately 10 kilometres north west of Batchelor.   | 25/05/2005       | ELR125, ELR146, MLN1163  |
| Rustler's Roost Mine Project            | Primary Gold Limited   | Gold-Dore                 | Authorisation - Operational | Darwin Region Balance  | Approximately 100 kilometres south east of Darwin.   | 28/05/2013       | EL30809, MLN1083   |
| Rustlers Roost Ornamental Rock Extrac   | Coulter, Barry Francis   | Crushed Rock              | Authorisation - Extractive  | Darwin Region Balance  | Approximately 100 kilometres south east of Darwin.   | 12/02/2004       | MLN1083  |
| Sandpalms Project                       | Core Exploration Ltd   | Lithium                   | Authorisation - Exploration | Darwin SD and Environs | located approximately 50 km SW of Darwin in the Bynoe Harbour area   | 22/09/2017       | EL31279  |
| Sandy Creek Mine                        | Dixon, Derek   | Gold                      | Authorisation - Operational | Darwin Region Balance  | Approximately six kilometres from the Grove Hill.  | 25/06/2002       | ML29959  |
| Sandy Flat Mine                         | Redbank Operations Pty Ltd                                     | Copper                    | Authorisation - Operational | Katherine Region       | Approximately 900 kilometres south east of Darwin and approximately 30 kilometres west of the Queensland border.   | 25/06/2002       | EL24654, ELR94, MLN631, MLN632, MLN633, MLN634, MLN635, MLN636, MLN1108  |
| Santa Teresa Quarry Project             | P.F. & C.J. Brown Pty. Ltd.                                    | Crushed Rock              | Authorisation - Extractive  | Central Region         | Approximately 36 kilometres south east of Alice Springs.   | 20/03/2014       | EMLS2, EMLS42  |
| Scrubby Creek Project                   | Tomazos Group Pty Ltd  | Sand                      | Authorisation - Extractive  | Darwin SD and Environs | Approximately 30 kilometres east of Darwin, east of the Howard Springs.  | 24/04/2013       | EMP29709, EMP30028, EMP30029, EMP30030, EMP30031   |
| Shoobridge Project                      | Altura Lithium Operations Pty Ltd                              | Base Metals               | Authorisation - Exploration | Darwin Region Balance  | Approximately 180 kilometres south of Darwin near Hayes Creek.   | 8/08/2007        | EL29549, MCN60, MLN296, MLN544   |
| SILL80 Access Authority Project         | Australian Ilmenite Resources Pty Limited                      | Mineral Sands Concentrate | Authorisation - Operational | Katherine Region       | Approximately 550 km SE of Darwin and 130 kilometres east of Mataranka   | 28/08/2018       | AA31431  |
| SILL80 Roper Project                    | Australian Ilmenite Resources Pty Limited                      | Mineral Sands Concentrate | Authorisation - Operational | Katherine Region       | Approximately 105 kilometres east of Mataranka.  | 14/03/2013       | ML27422, ML29042   |
| Skyfall, Largo and Knightfall Project   | Spectrum Rare Earths Limited                                   | Rare Earths               | Authorisation - Exploration | Darwin Region Balance  | Approximately 93 kilometres south west of Pine Creek.  | 19/11/2013       | EL27151, EL28970   |
| South East Burnside Project             | NT Mining Operations Pty Ltd                                   | Gold, Base Metals         | Authorisation - Exploration | Darwin Region Balance  | Approximately 150 kilometres south east of Darwin between the townships of Adelaide River and Pine Creek.  | 11/11/2009       | EL10347, MCN504, EL24409, EL24405, EL24058, EL24051, EL24018, EL23541, EL23540, EL23536, EL9608, EL23431, MCN505, EL23270, MCN3705, MCN3707, MCN3161, MCN1463, MCN1462, MCN1461, MCN1460, MCN624, MCN1459, MCN1458, MCN1457, MCN1456, MCN899, MCN625, MCN4428, MCN4689, MCN3706, MCN4703, MCN4702, MCN4701, MCN4697, MCN4696, MCN4695, MCN4869, MCN4694, MCN4693, MCN4692, MCN4691, MCN4690, MCN4267, MCN4430, MCN4870, MLN811, MLN795, MCN4871, MLN794, MLN858, MLN459, MLN405, MLN349, MLN346, MLN343, MLN342, MLN341, MLN214, MLN831, MLN1033, MLN1039, MLN1103, SEL25748   |
| Southern Cross Bore                     | Davenport Resources Limited                                    | Gold, Copper              | Authorisation - Exploration | Central Region         | Approximately 75 kilometres north east of Alice Springs  | 13/06/2017       | EL28045, EL30090   |
| Southern Leases Project                 | Groote Eylandt Mining Company Proprietary Limited              | Manganese                 | Authorisation - Exploration | Darwin Region Balance  | Approximately, 30 kilometres south of the Alyangula, Groote Eylandt.   | 2/11/2016        | EL2455   |
| Southern Project Area                   | Emmerson Resources Limited                                     | Gold, Base Metals, Copper | Authorisation - Exploration | Barkly Region          | Approximately two and 50 kilometres west and south west of Tennant Creek.  | 10/12/2008       | EL23285, EL23286, EL23905, EL28601, EL28775, MA23236, MCC55, MCC56, MCC57, MCC334, MCC344, MCC364, MCC365, MCC366, MCC524, ML23216, MLC18, MLC48, MLC49, MLC66, MLC67, MLC176, MLC177, MLC342, MLC527, MLC591, MLC592, MLC593, MLC594, MLC595, MLC596, MLC597, MLC601, MLC602, MLC603, MLC604, MLC605, MLC645, MLC654, ML31123, ML30872, ML30322, ML30096, MA30798   |

# Northern Territory Authorised Mine Sites

| Site Name  | Current Operator                               | Commodities  | Status                      | Region                 | Location  | First Authorised | Titles  |
|--|--|--|-----------------------------|------------------------|---|------------------|---|
| Spring Hill Project  | TM Gold Pty Ltd                                | Gold   | Authorisation - Exploration | Darwin Region Balance  | Approximately 200 kilometres south east of Darwin.  | 14/07/2016       | ML23812, EL22957, EL28855   |
| Stanton Project  | Northern Cobalt Limited                        | Base Metals, Cobalt  | Authorisation - Exploration | Katherine Region       | Wollogorang area  | 11/09/2017       | EL31272   |
| Strangways Project   | Territory Exploration Pty Ltd                  |  | Authorisation - Exploration | Central Region         | Bushy Park Station, Northern Territory  | 4/07/2018        | EL30779   |
| Sunday Creek East Project  | Ostojic Group Pty Ltd                          | Sand, Soil, Gravel   | Authorisation - Extractive  | Darwin Region Balance  | Approximately 58 kilometres south east from Darwin.   | 7/07/2017        | EMP25404, EMP26343, EMP27935, EMP30684, EMP30685  |
| Sunday Creek Project   | Yebna Sands Pty Ltd                            | Sand, Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 50 kilometres south from Darwin.  | 23/12/2016       | EMPN1295, EMP22320, EMP22752, EMP26786, EMP26895, EMP26896, EMP28337, EMP28338, EMP28834, EMP30312, EMP30311, EMP30310, EMP30313, EMP30314, EMP29710, EMP29713, EMP29711  |
| Sunday Creek Project   | Ostojic Group Pty Ltd                          | Sand, Soil, Crushed Rock, Gravel                             | Authorisation - Extractive  | Darwin SD and Environs | Approximately 29 kilometres from Palmerston.  | 23/04/2014       | EMP24033, EMP24035, EMP24036, EMP24775, EMP24813, EMP27760, EMP27761, EMP28960, EMP28961, EMP30861, EMP30682  |
| Sunday Creek Project   | DNR Enterprises (NT) Pty Ltd                   | Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 57 kilometres south east of Darwin.   | 12/06/2015       | EMP28208  |
| Sunday Creek Project   | Cecon Transport Pty. Ltd.                      | Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 40 kilometres from Darwin and 29 kilometres south east of Palmerston.   | 11/03/2014       | EMP27176, EMP27177, EMP27324, EMP28209, EMP28210  |
| Sunday Creek Project   | Earthworks NT Pty Ltd                          | Sand, Soil, Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 9 kilometres from Humpty Doo.   | 23/07/2014       | EMPN1316, EMP29988, EMP27676, EMP27786, EMP22486  |
| Sunday Creek Project   | Innocente Transport Pty. Limited               | Crushed Rock, Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 45 kilometres south east from Darwin and approximately 11 kilometres south east from Humpty Doo.                  | 28/04/2014       | EMP25948, EMP29489, EMP29664  |
| Sunday Creek Project   | Allan King & Sons Construction Pty Ltd         | Sand, Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 46 kilometres south east of Darwin.   | 15/03/2013       | EMP26424, EMP26425, EMP28660, EMP28661, EMP30327, EMP30328, EMP30329, EMPN1325, EMPN1326  |
| Sunday Creek Project   | Kigilia Pty Ltd                                | Sand, Soil, Gravel   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 40 kilometres south east of Darwin. Approximately 26 kilometres south east of Palmerston.                         | 28/11/2011       | EMP28654, EMP28655, EMP29707  |
| Sunday Creek Quarry  | Ostojic Group Pty Ltd                          | Soil, Gravel, Dimension Stone                                | Authorisation - Extractive  | Darwin SD and Environs | Approximately 45 kilometres east southeast of Darwin and 30 kilometres east southeast of Palmerston.                            | 29/12/2015       | EML24368, EML30675  |
| Sunday Creek Quarry Project  | Yebna Sands Pty Ltd                            | Crushed Rock, Dimension Stone                                | Authorisation - Extractive  | Darwin SD and Environs | Approximately 50 kilometres south of Darwin and approximately nine kilometres from Humpty Doo.                                  | 10/04/2017       | EML28770, EML30055, EMP26895, EMP22752  |
| Sunday Creek Quartzite Quarry  | Hy-Tec Industries (Northern Territory) Pty Ltd | Crushed Rock   | Authorisation - Extractive  | Darwin Region Balance  | Approximately 58km southeast of Darwin off the Arnhem Highway.  | 31/07/2017       | EML23097, EML23098  |
| SunJade Project  | Gemstones of Australia Pty Ltd                 | Gemstones  | Authorisation - Operational | Katherine Region       | Approximately 550 kilometres from Katherine and about 25 kilometres from Kalkarindji.   | 4/06/2014        | ML25205   |
| Survey Creek Project   | May Drilling Pty Ltd                           | Gold, Base Metals, Copper, Rare Earths, Tin and/or Tantalite | Authorisation - Exploration | Darwin Region Balance  | Approximately 17 kilometres north west of the Daly River.   | 2/11/2011        | EL28462, EL29731, EL30521   |
| Tanami Exploration Project   | Newmont Tanami Pty Ltd                         | Gold   | Authorisation - Exploration | Central Region         | Approximately 546 kilometres north west of Alice Springs.   | 8/01/2009        | EL2366, EL2367, EL4529, EL8077, EL8912, EL9737, EL9996, EL10138, EL22170, EL22900, EL22933, EL23308, EL23658, EL23660, EL23662, EL23744, EL23833, EL24864, EL24865, EL24886, EL24888, EL24889, EL24890, EL24895, EL24896, EL24973, EL24974, EL25012, EL25013, EL30806   |
| Tanami Project   | Prodigy Gold NL                                | Gold   | Authorisation - Exploration | Central Region         | Approximately 490 kilometres north west of Alice Springs.   | 26/09/2014       | EL23659, EL24436, EL25156, EL25191, EL25192, EL25194, EL25845, EL26590, EL26591, EL26592, EL26593, EL26608, EL26610, EL26613, EL26615, EL26618, EL26620, EL26621, EL26622, EL26628, EL26634, EL26673, EL27119, EL27127, EL27378, EL27589, EL27604, EL28324, EL28325, EL28327, EL28328, EL28394, EL28785, EL29790, EL29828, EL29832, EL29859, EL29860, EL31288, EL31289, EL31290, EL31291, EL5889, EL9250, EL26619, EL27125, EL27126, EL27979, EL28326, EL31330, EL31331, EL31332  |
| Tanami Regional Exploration Project                                      | Northern Star (Tanami) Pty Ltd                 | Gold   | Authorisation - Exploration | Central Region         | Approximately 650km northwest of Alice Springs  | 13/04/2017       | EL23342, EL10355, EL22378, EL10411, EL22229, EL22061, EL9843, EL28282, EL9763, EL26925, EL26926, EL28474, EL8797, EL24174, EL24193, EL26270, EL26286, EL26498, EL26541, EL26635, EL29592, EL24177, EL25171, EL27590, EL29594, EL29595, EL23932, EL25009, EL27367, EL29593, MLS168   |
| Taylor Creek Sand Pit Project  | Barber, Glen trading as Barber Hire            | Sand   | Authorisation - Extractive  | Barkly Region          | Approximately 230 kilometres south of Tennant Creek   | 3/09/2015        | EMP30071  |
| Taylor Road Central Project  | D.A.C. Enterprises Pty. Ltd.                   | Crushed Rock   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 20 kilometres east of Darwin.   | 28/08/2015       | EML29441  |
| Taylor Road North Project  | D.A.C. Enterprises Pty. Ltd.                   | Crushed Rock   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 20 kilometres east of Darwin.   | 29/08/2012       | MA146   |
| Taylor Road Project  | D.A.C. Enterprises Pty. Ltd.                   | Crushed Rock   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 20 kilometres east of Darwin.   | 8/06/2012        | MA145   |
| Taylor Road South Project  | D.A.C. Enterprises Pty. Ltd.                   | Crushed Rock   | Authorisation - Extractive  | Darwin SD and Environs | Approximately 18 kilometres east of Darwin.   | 18/11/2014       | MA29641   |
| Tennant Creek Project  | Tennant Gold Pty Ltd                           | Gold   | Authorisation - Exploration | Barkly Region          | Approximately 13 kilometres south east of Tennant Creek   | 26/05/2017       | MLC45, MLC46, MLC47, MLC68, MLC154, MLC155, MLC512, MLC513, MLC514, MLC515, MLC516, MLC517, MLC521, MLC525, MLC531, MLC532, MLC533, MLC534, MLC537, MLC538, MLC539, MLC540, MLC541, MLC542, MLC543, MLC544, MLC545, MLC548, MLC549, MLC550, MLC556, MLC578, MLC579, MLC652, MLC688, MLC689, MLC690, MLC691, MLC590, MLC526, MLC589, MCC284  |
| Tennant Creek Project  | Red Metal Limited                              | Copper, Gold, Base Metals                                    | Authorisation - Exploration | Barkly Region          | Approximately 60 kilometres south east of Tennant Creek   | 22/10/2018       | EL24009   |
| Tennant Creek Rehabilitation Project - S Giants Reef Exploration Pty Ltd |  | Not Applicable   | Authorisation - Operational | Barkly Region          | Multiple areas surrounding Tennant Creek including some approximately 16 kilometres south east, 55 north west of Tennant Creek. | 24/03/2005       | EL7809, EL8199, EL8279, EL8280, EL8430, EL8705, EL8773, EL8786, EL8991, EL9221, EL9293, EL9472, EL9574, EL9789, EL9800, EL9909, EL9915, EL9930, EL9935, EL9958, EL10015, EL10052, EL10113, EL10118, EL10124, EL10198, EL10199, EL10370, EL10403, EL10406, EL22240, EL23073, EL23183, EL23745, EL23746, EL23914, ERL74, MCC21, MCC22, MCC23, MCC55, MCC56, MCC57, MCC66, MCC76, MCC167, MCC168, MCC169, MCC239, MCC240, MCC285, MCC286, MCC313, MCC314, MCC315, MCC348, MCC349, MCC350, MCC351, MCC354, MCC355, MCC461, MCC522, MCC523, MCC524, MCC526, MCC527, MCC528, MCC575, MCC756, MCC757, MCC758, MCC759, MCC760, MCC761, MCC762, MCC790, MCC791, MCC792, MCC793, MCC794, MCC795, MCC796, MCC797, MCC798, MCC799, MCC800, MCC801, MCC802, MCC803, MCC804, MCC805, MCC806, MCC807, MCC808, MCC809, MCC810, MCC811, MCC812, MCC813, MCC888, MCC889, MCC890, MCC891, MCC892, MCC893, MCC894, MCC895, MCC904, MCC905, MCC906, MCC925, MCC926, MCC969, MCC970, MCC971, MCC972, MCC981, MCC982, MCC1032, MCC1033, MCC1034, MCC1038, MCC1039, MCC1077, MCC1078, MCC1079, MCC1080, MCC1081, MCC1082, MCC1083, MCC1426, MLC1, MLC4, MLC5, MLC15, MLC16, MLC18, MLC20, MLC21, MLC22, MLC23, MLC24, MLC25, MLC26, MLC27, MLC28, MLC29, MLC30, MLC31, MLC32, MLC33, MLC34, MLC35, MLC36, MLC37, MLC38, MLC39, MLC40, MLC41, MLC48, MLC49, MLC50, MLC51, MLC52, MLC53, MLC54, MLC55, MLC56, MLC57, MLC58, MLC59, MLC60, MLC61, MLC62, MLC66, MLC67, MLC69, MLC70, MLC71, MLC72, MLC73, MLC74, MLC75, MLC76, MLC78, MLC81, MLC82, MLC83, MLC84, MLC85, MLC86, MLC87, MLC88, MLC89, MLC90, MLC96, MLC97, MLC98, MLC99, MLC100, MLC101, MLC102, MLC103, MLC104, MLC105, MLC106, MLC107, MLC108, MLC120, MLC121, MLC122, MLC123, MLC124, MLC127, MLC129, MLC130, MLC131, MLC132, MLC133, MLC134, MLC135, MLC136, MLC137, MLC138, MLC139, MLC140, MLC141, MLC142, MLC143, MLC144, MLC146, MLC147, MLC148, MLC149, MLC158, MLC159, MLC160, MLC161, MLC162, MLC163, MLC164, MLC165, MLC176, MLC177, MLC182, MLC183, MLC184, MLC204, MLC205, MLC206, MLC207, MLC208, MLC209, MLC217, MLC218, MLC219, MLC220, MLC221, MLC222, MLC223, MLC224, MLC225, MLC226, MLC227, MLC228, MLC235, MLC236, MLC237, MLC238, MLC253, MLC254, MLC255, MLC256, MLC257, MLC258, MLC259, MLC260, MLC261, MLC300, MLC301, MLC302, MLC303, MLC304, MLC305, MLC306, MLC307, MLC308, MLC309, MLC310, MLC311, MLC312, MLC313, MLC323, MLC324, MLC325, MLC326, MLC327, MLC328, MLC329, MLC332, MLC333, MLC334, MLC335, MLC336, MLC337, MLC338, MLC339, MLC340, MLC341, MLC342, MLC343, MLC344, MLC345, MLC346, MLC347, MLC348, MLC349, MLC350, MLC351, MLC352, MLC353, MLC354, MLC355, MLC362, MLC363, MLC364, MLC365, MLC366, MLC367, MLC368, MLC369, MLC370, MLC371, MLC372, MLC373, MLC374, MLC375, MLC376, MLC377, MLC378, MLC379, MLC380, MLC381, MLC382, MLC383, MLC384, MLC385, MLC386, MLC387, MLC406, MLC407, MLC408, MLC409, MLC432, MLC498, MLC499, MLC500, MLC501, MLC502, MLC503, MLC504, MLC505, MLC506, MLC518, MLC523, MLC524, MLC528, MLC529, MLC530, MLC535, MLC546, MLC551, MLC552, MLC554, MLC557, MLC558, MLC559, MLC560, MLC565, MLC566, MLC567, MLC568, MLC569, MLC570, MLC571, MLC572, MLC573, MLC574, MLC576, MLC577, MLC581, MLC582, MLC583, MLC584, MLC585, MLC586, MLC588, MLC598, MLC606, MLC607, MLC608, MLC609, MLC610, MLC611, MLC612, MLC613, MLC614, MLC615, MLC616, MLC656, MLC657, MLC658, MLC659, MLC660, MLC661, MLC662, MLC663, MLC668, MLC674, MLC675, MLC676, MLC682, MLC683, MLC692, MLC693, MLC695, MLC696, MLC697, MLC698, MLC699, MLC700, MLC701, MLC702, MLC703, MLC708, SEL8665, SEL8814, HLDC23, HLDC24, HLDC34, HLDC35, HLDC37, HLDC39, HLDC40, HLDC41, HLDC42, HLDC43, HLDC44, HLDC45, HLDC46, HLDC47, HLDC48, HLDC49, HLDC50, HLDC51, HLDC52, HLDC53, HLDC54, HLDC55, HLDC56, HLDC57, HLDC58, HLDC59, HLDC65, HLDC68, HLDC69, HLDC70, HLDC71, HLDC72, HLDC73, HLDC74, HLDC75, HLDC76, HLDC77, HLDC78, HLDC79, HLDC80, HLDC81, HLDC82, HLDC83, HLDC84, HLDC85, HLDC86, HLDC87, HLDC88, HLDC89, HLDC90, HLDC91, HLDC92, HLDC93, HLDC94, HLDC95, HLDC96, HLDC97, HLDC98, HLDC99, HLDC100, HLDC101 |
| The Granites Gold Mine   | Newmont Tanami Pty Ltd                         | Gold-Dore  | Authorisation - Operational | Central Region         | Approximately 550 kilometres north west of Alice Springs.   | 25/08/2003       | MLS8, MLS134, MLS135, MLS136, MLS137, MLS138, MLS139, MLS140, MLS141, MLS142, MLS143, MLS144, MLS154  |
| Tin Camp Creek Project   | Alligator Energy Ltd                           | Uranium  | Authorisation - Exploration | Darwin Region Balance  | Approximately 55 kilometres north east of Jabiru.   | 22/06/2011       | EL24921, EL24922, EL25002   |



## Northern Territory Authorised Mine Sites

| Site Name                            | Current Operator  | Commodities                     | Status                      | Region                    | Location  | First Authorised | Titles  |
|--------------------------------------|---|---------------------------------|-----------------------------|---------------------------|---|------------------|---|
| Tindal Quarry and Maud Creek Sand Pr | Hy-Tec Industries (Northern Territory) Pty Ltd              | Limestone                       | Authorisation - Extractive  | Katherine Region          | Approximately 40 kilometres south east of Darwin.   | 31/07/2017       | EMLN30, EMLN34, EMLN79, EMPN1222  |
| Tiwi Islands Project                 | MZI Resources Ltd   | Mineral Sands Concentrate       | Authorisation - Operational | Northern Territory Waters | Approximately 60 kilometres north of Darwin, on the northern side of Melville Island.   | 30/04/2010       | EL23862, EL24329, ML24510, ML24511, ML27438, EL24328  |
| Todd River Sand Project              | Duskform Pty. Limited                                       | Sand                            | Authorisation - Extractive  | Central Region            | Approximately 15 kilometres south of Alice Springs.   | 13/03/2003       | EMP23538  |
| Toms Gully Mine Project              | Primary Gold Limited  | Gold-Dore                       | Authorisation - Operational | Darwin Region Balance     | Approximately 90 kilometres south east of Darwin.   | 28/05/2013       | MLN1058, ML29812, ML29814   |
| Top Crossing Project                 | Bradshaw & Timber Creek Contracting and Resource Co Pty Ltd | Sand, Gravel                    | Authorisation - Extractive  | Katherine Region          | Approximately 235 kilometres west of Katherine and approximately 53 kilometres East of Timber Creek.  | 27/02/2014       | EMP29962  |
| Twin Bonanza Project                 | Prodigy Gold NL   | Gold                            | Authorisation - Operational | Central Region            | Approximately 650 kilometres north west of Alice Springs.   | 15/03/2013       | EL28322, ML29822  |
| Undoolya Combined Project            | P.F. & C.J. Brown Pty. Ltd.                                 | Sand                            | Authorisation - Extractive  | Central Region            | Approximately 30 kilometres from Alice Springs.   | 27/01/2010       | EMP25069, EMP26606, EMP27009, EMP28937, EMP29427  |
| Union Extended Project               | Union Extended (Ian L & Beverley A Genat)                   | Gold                            | Authorisation - Operational | Darwin Region Balance     | Approximately 22 kilometres north of Pine Creek.  | 2/12/2002        | ML30214, ML30215, ML30216, ML30217, ML30218   |
| Union Reefs Gold Mine                | NT Mining Operations Pty Ltd                                | Gold-Dore                       | Authorisation - Operational | Darwin Region Balance     | Approximately 175 kilometres south east of Darwin. Approximately 20 kilometres north west of Pine Creek.  | 11/11/2009       | MA398, MA399, MA400, MA401, MA402, MLN833, MLN856, MLN1109, ML31122, ML27999  |
| Victoria Highway Manbulloo Project   | Connop Transport NT Pty Ltd                                 | Soil, Gravel                    | Authorisation - Extractive  | Katherine Region          | Approximately 27 kilometres from Katherine.   | 27/10/2014       | EMP22927 and EMP22927   |
| Vida's Gully Project Area            | Wilson, Henry Robert  | Gold                            | Authorisation - Operational | Darwin Region Balance     | Approximately 230 kilometres south east of Darwin, near Pine Creek.   | 30/04/2002       | MCN304, MCN851  |
| Walabanba Hills Project              | Todd River Metals Pty Ltd                                   | Nickel, Base Metals, Titanium   | Authorisation - Exploration | Central Region            | Approximately 250 kilometres north-northwest of Alice Springs.  | 3/04/2017        | EL26848   |
| Walker Gossan                        | DPG Resources Australia Pty Ltd                             | Silver, Base Metals, Lead, Zinc | Authorisation - Exploration | East Arnhem Region        | Approximately 700 kilometres east of Darwin.□   | 8/07/2016        | EL24305, EL385  |
| Wandie - Saunders Rush               | Padgett, Kenneth Charles                                    | Gold                            | Authorisation - Operational | Darwin Region Balance     | Approximately 40 kilometres east of Pine Creek.   | 1/06/2005        | ML29909, ML29915  |
| Wandie and Saunders Rush Project     | Mineral Contracting Australia Pty Ltd                       | Gold                            | Authorisation - Operational | Darwin Region Balance     | Located approximately 40km east of Pine Creek, around 210km south-east of Darwin. From the Kakadu Highway the projects are accessed via an un – sealed track which also links the two mining leases that are located approximately 8km apart. | 5/07/2018        | ML29909, ML29915  |
| Warrego North Project                | Meteoritic Resources NL                                     | Gold, Bismuth, Copper           | Authorisation - Exploration | Barkly Region             | Approximately 50 kilometres north west of Tennant Creek.  | 8/07/2004        | EL23764   |
| Warrego North Project                | CGM (WA) Pty Ltd  | Gold, Copper                    | Authorisation - Exploration | Barkly Region             | Approximately 17 kilometres west from Tennant Creek.□   | 8/12/2016        | EL23764, EL31610  |
| Warrego Tailings Project             | Aard Metals Limited   | Iron Ore                        | Authorisation - Exploration | Barkly Region             | Approximately 50 kilometres north west of Tennant Creek.  | 21/07/2009       | MLC81, MLC82, MLC103, MLC104, MLC105, MLC106, MLC682  |
| Warumpi Project                      | Castile Resources Pty Ltd                                   | Silver, Copper, Zinc            | Authorisation - Exploration | Central Region            | Approximately 300 kilometres west of Alice Springs.   | 22/04/2015       | EL10379   |
| Waterloo Project                     | Oates, Tom  | Gold                            | Authorisation - Exploration | Katherine Region          | Approximately 85 kilometres south from the Victoria Highway and 30 kilometres east of the Northern Territory and Western Australia border.  | 23/04/2015       | EL30323, EL30324  |
| Wellington Range King River Project  | Viva Resources Pty Ltd                                      | Uranium                         | Authorisation - Exploration | Darwin Region Balance     | Approximately 300 km east of Darwin in north-western Arnhem Land.   | 9/08/2018        | EL5893, EL24017, EL25064, EL27059, EL25065  |
| West Arnhem Project                  | Devex Resources Limited                                     | Gold, Base Metals               | Authorisation - Exploration | Darwin Region Balance     | Approximately 300 kilometres east of Darwin, in the area of Western Arnhem Land.  | 22/07/2014       | EL10176, EL23700, EL24371   |
| Western Project Area                 | Emmerson Resources Limited                                  | Gold, Base Metals, Copper       | Authorisation - Exploration | Barkly Region             | Approximately five and 60 kilometres north west of Tennant Creek.   | 10/11/2008       | EL27136, EL27164, EL28602, EL28603, EL30168, EL30301, EL30488, EL31249, MLC520, MLC120, MLC121, MLC122, MLC123, MLC626, MLC692, ML31057, ML30947, ML30946, ML30910, ML30886, ML30864, ML30784, ML30782, ML30781, ML30744, ML30636, ML31076, ML31055, ML30912, ML30911, ML30885, ML30875, ML30888, ML30715, ML30865, ML30867, ML30871, ML30874, ML30937, EMP31008, HLDC37, HLDC39, HLDC40, HLDC41, HLDC42, HLDC43, HLDC44, HLDC45, HLDC46, HLDC47, HLDC48, HLDC49, HLDC50, HLDC51, HLDC52, HLDC53, HLDC54, HLDC55, HLDC56, HLDC58, HLDC59, HLDC69, HLDC70, HLDC71, HLDC72, HLDC73, HLDC74, HLDC75, HLDC76, HLDC77, HLDC78, HLDC79, HLDC80, HLDC81, HLDC82, HLDC83, HLDC84, HLDC85, HLDC86, HLDC87, HLDC88, HLDC89, HLDC90, HLDC91, HLDC92, HLDC93, HLDC94, HLDC95, HLDC96, HLDC97, HLDC98, HLDC99, HLDC100, HLDC101, MA27163 |
| Westminster Project                  | Truscott Mining Corporation Ltd                             | Gold                            | Authorisation - Exploration | Barkly Region             | Approximately four kilometres west of Tennant Creek.  | 11/10/2007       | MLC511, MA25952, MA26500, MA26558   |
| Wheal Enterprise Project             | Oates, John Charles   | Gemstones, Copper               | Authorisation - Operational | Darwin Region Balance     | Approximately 6 kilometres south west of Pine Creek.  | 25/06/2002       | MLN95   |
| White Gums and Browns Project        | P.F. & C.J. Brown Pty. Ltd.                                 | Sand, Soil, Gravel              | Authorisation - Extractive  | Central Region            | Approximately 20 kilometres from Alice Springs.   | 17/04/2009       | MA163, MA30081, MA25471   |
| White Range Dump Leach Trial Project | Intermin Resources Limited                                  | Silver, Gold                    | Authorisation - Operational | Central Region            | Approximately 125 kilometres by road east northeast of Alice Springs.   | 30/07/2002       | MLS150, MLN151  |
| White Range Stockpile Project        | North Concrete (NT) Pty Ltd                                 | Crushed Rock                    | Authorisation - Extractive  | Central Region            | Approximately 130 kilometres north east of Alice Springs.   | 30/06/2008       | MLS150, EMP25006  |
| White Rock Quarry Project            | GEBIE Civil and Construction Pty Ltd                        | Crushed Rock                    | Authorisation - Extractive  | East Arnhem Region        | Approximately 500 kilometres east of Katherine, located on Groote Eylandt.  | 16/12/2011       | EML28687  |
| Whites Gully Project                 | Artunga Prospecting   | Gold                            | Authorisation - Operational | Central Region            | Approximately 110 kilometres east of Alice Springs.   | 11/08/2003       | MCS157, ML30493   |
| Willard Project                      | Sitzler Pty Ltd   | Sand, Soil, Gravel              | Authorisation - Extractive  | Darwin SD and Environs    | Approximately 10 kilometres from the Palmerston and 5 kilometres from the Howard Springs.   | 26/08/2014       | MA28835   |
| Wingate Mountains Project            | China Australia Land Resources Pty Ltd                      | Gold                            | Authorisation - Exploration | Darwin Region Balance     | Approximately 43 kilometres south southwest of the Daly River.  | 26/09/2013       | EL25258, EL29887  |
| Wollogorang Project                  | Northern Cobalt Limited                                     | Base Metals, Cobalt             | Authorisation - Exploration | Katherine Region          | Wollogorang area, Northern Territory  | 10/11/2017       | EL31272, EL31548, EL31549, EL30590  |
| Wonarah Project                      | Minemakers Australia Pty Ltd                                | Phosphate                       | Authorisation - Exploration | Barkly Region             | Approximately 240 kilometres east of Tennant Creek and approximately 960 kilometres south east of Darwin.   | 20/02/2008       | EL24607, EL29840, EL29841, EL29849, ML27244   |
| Woodcutters Mine                     | Newmont Woodcutters Pty Ltd                                 | Zinc/Lead Concentrate           | Authorisation - Operational | Darwin SD and Environs    | Approximately 80 kilometres south of Darwin and approximately 15 south west from Batchelor.   | 1/03/2003        | MLN111, MLN112, MLN314, MLN315, MLN316, MLN323, MLN324, MLN325, MLN344, MLN345, MLN977, MLN1095, MLN1096, MLN1097, MLN1104, MLN1106   |
| Woolwonga Project                    | Bacchus Resources Pty Ltd                                   | Gold                            | Authorisation - Exploration | Darwin Region Balance     | Approximately 50 kilometres south of Adelaide River and 65km North-North-West of Pine Creek□  | 18/08/2017       | EL31306   |
| Yalco Project                        | Teck Australia Pty Ltd                                      | Gold, Lead, Zinc                | Authorisation - Exploration | Katherine Region          | Approximately 40 kilometres north-west of Borrooloola   | 18/09/2014       | EL25467, EL29021  |
| Zola Project                         | Core Exploration Ltd  | Lithium                         | Authorisation - Exploration | Darwin SD and Environs    | Approximately 36 kilometres south west of Darwin.   | 30/11/2016       | EL31126   |