

# Project Information

Direct Shipped Ore > 28% P2O5

Beneficiated Phosphate Concentrate +/- 34% P2O5



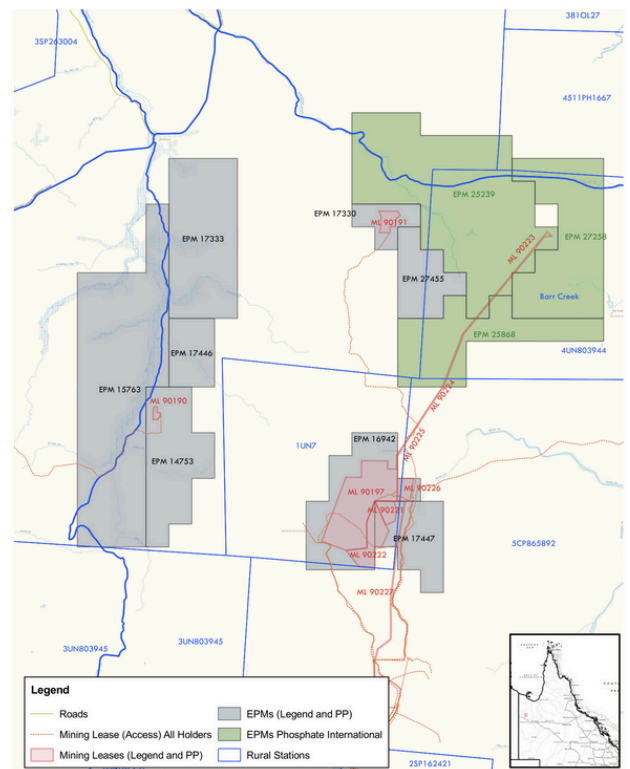
North West Phosphate is developing Georgina Basin Phosphate Deposits in Queensland, Australia.

- The North West Phosphate Project is being developed for production. The mining operation will produce +/- 34% P2O5 rock concentrate
- Bulk Samples of beneficiated concentrate will be available
- The project is located 145km north west of Mount Isa, Queensland with access to road and rail infrastructure



## Project Overview

- North West Phosphate is open to additional Expressions of Interest (EOI) for potential off-takers for up to 1 million tonnes per year of rock concentrate at +/- 34% P2O5
- The size of the deposit, quality of resource and proprietary processing technology allows for international companies to have a long-term contract providing stable and secure supply at hedged pricing.
- The project is in the 25th quartile of cost production and FOB landed price to South-East Asian Markets
- The North & South deposits are a globally recognised in-situ phosphate resource for feed stock for fertiliser production
- Reactivity tests are complete with high reactivity ranges achieved
- Size of Mine: > **264 Million Tonnes** Measured (JORC Code 2012)
- Size of Proven Ore: > **50 Million Tonnes** Saleable Concentrate
- Quality of Rock Concentrate: **+/- 34% P2O5**
- Infrastructure: Existing Roads, Water, Electricity, Camps and Mount Isa Airport
- Approvals: 3 Granted Mining Leases, Environmental Approvals, Native Title and Land Agreements in place
- Transport: Existing Haul Roads, 3 Truck Road Trains and Rail network to the Port of Townsville
- Mine Life of up to 52 Years
- Largest proven phosphate resource in Australia with a proven JORC 2014



## Key Contacts and Process

### North West Phosphate

John Cotter - Founder and Managing Director

Ben Paxton-Hall - Operations Director

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Interested Parties are encouraged to get in touch directly with NWP. Further details can be provided on request. For more information, please visit [www.nwphos.com](http://www.nwphos.com)

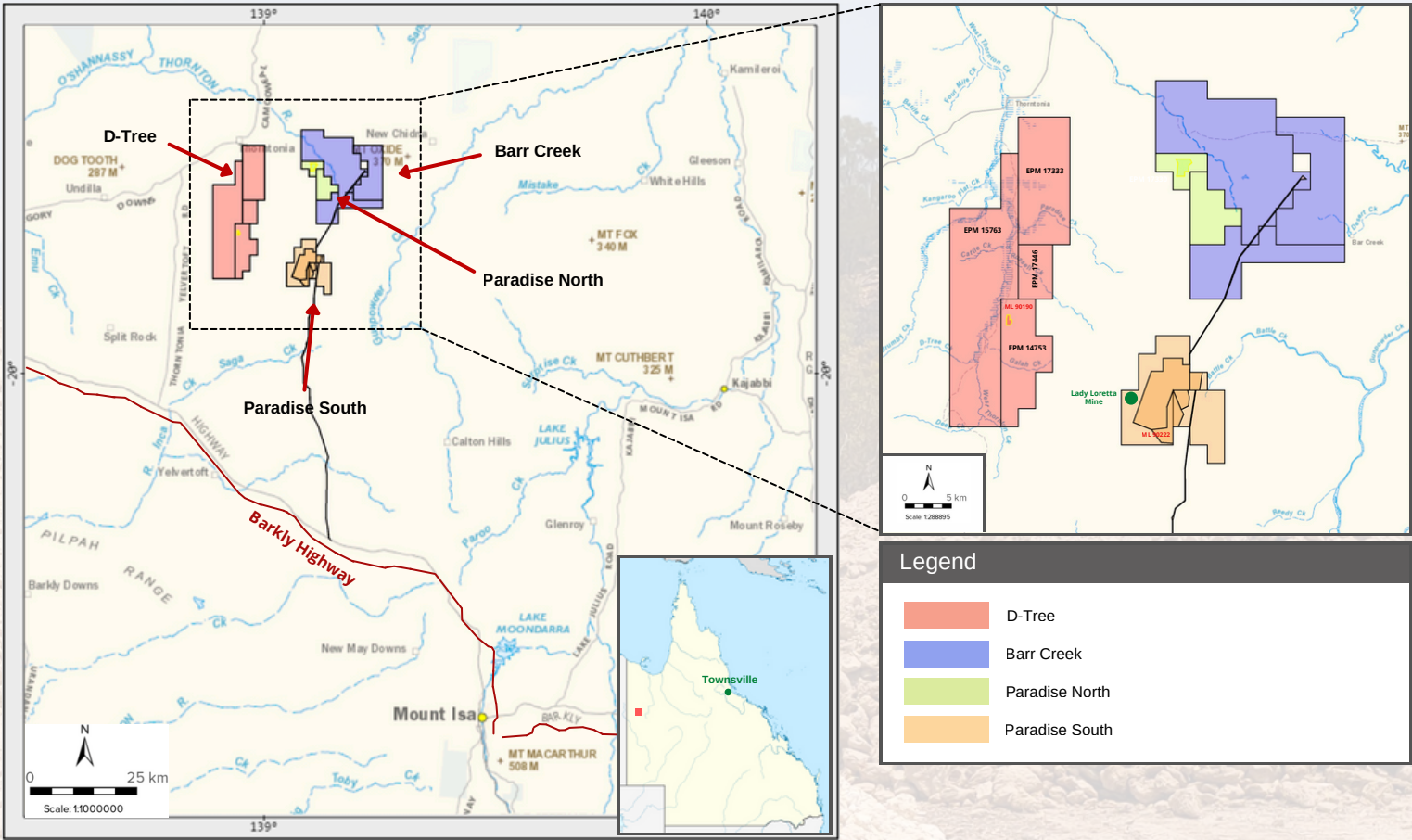
North West Phosphate Limited  
ABN: 11 161 314 549

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# North West Phosphate Assets Map



## Product Specifications

## Paradise North DSO

## Paradise South Concentrate

Phosphate (P2O5)	28.12%	34.00%
Calcium Oxide (CaO)	38.31%	48.00%
Silica (SiO2)	23.54%	6.00%
Magnesium Oxide (MgO)	0.51%	0.30%
Aluminium Oxide (Al2O3)	3.43%	0.80%
Iron Oxide (Fe2O3)	0.89%	2.80%
Iron & Aluminium (R2O3)	4.32%	3.60%
Minor Element Ratio (MER) (Al2O3+Fe2O3+MgO/P2O5)	0.17	0.12
Fluoride (F)	2.90%	3.28%
Sulphate (SO4)	0.71%	0.10%
Manganese Oxide (MnO2)	0.51%	0.26%
Sodium Oxide (Na2O)	0.09%	0.23%
Potassium oxide (K2O)	0.31%	0.08%
Chloride (Cl)	0.31%	<0.01%
Organic Carbon (TOC)	<0.01%	0.04%
Loss on Ignition (LOI)	2.90%	1.91%
Carbonate (CaCO3)	3.20%	2.40%
Carbon Dioxide (CO2)	0.97%	
Cadmium (Cd)	2.92 ppm	6.50 ppm
Uranium (U)	45.80 ppm	24 ppm
Lead (Pb)	175.43 ppm	140 ppm
Bone Phosphate of Lime (BPL)	61.44	74.20
CaO/P2O5	1.36	1.41
Reactive Silica	0.49%	0.65%
Reactive Fe	0.09%	0.19%
Moisture	4.17%	3-4%

**South & North Phosphate Rock and Beneficiated Concentrate Compositions**

- Paradise South Major Element Rock Composition sourced from the Paradise South JORC-2012 Compliant Resource Estimate (5% P2O5 cut-off grade)
- Paradise North Major Element Rock Composition sourced from the Paradise North JORC-2004 Compliant Resource Estimate (26% P2O5 cut-off grade)
- Paradise South Beneficiated Concentrate Major Element Composition sourced from Paradise South JORC-2004 Compliant Reserve Estimate
- Phosphate beneficiated concentrate chemistry is derived from numerous bench-scale laboratory test work programs conducted by PPL in 2009-2010, from which a correlation between feed chemistry and concentrate chemistry produced regression formula which can be applied to the rock chemistry to predict the concentrate chemistry
- Paradise North trace element analysis from 29 ore samples > 28% P2O5
- Paradise South trace element analysis from 50 ore samples > 5% P2O5
- Paradise South beneficiated concentrate analyses based on test work conducted in 2009 at Crescent Technologies Inc., New Orleans LA.
- Paradise South Moisture, Sulphur and TOC results from subsamples taken from 2021 bulk samples.