

Capability Statement

27 Sep 2019

LUCAS TOTAL CONTRACT SOLUTIONS PTY LTD



INDUSTRIES SERVED

CONSTRUCTION &
ENGINEERING

DEFENCE

LAND &
AGRICULTURE

MINING

OIL, GAS & ENERGY

PROFESSIONAL
SERVICES

RAIL

RETAIL, TRADE AND
OTHER SERVICES

TRANSPORT

WATER

Company Details

Address: Brookside Road
Darlington SA, 5047 Australia

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Web: www.LucasTCS.com.au

ICN Gateway Company ID: 22971

Employees: 320

ABN: 79 137 901 805

Locations: 2

Local Manufacturer: No

Foreign Manufacturer: No

Importer: No

Exporter: No

NT CAL Accredited: Yes

Works in Remote Locations: Yes

Australian Indigenous Owned: No

Contacts

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As a leading provider of civil construction, infrastructure & contract mining, Lucas TCS is about providing the total solution.

Our commitment is to ensure Lucas TCS and our clients have successful outcomes at the completion of any project.

We continually look for new and innovative ways to approach our projects and are committed to finding cost effective ways to improve projects whilst maintaining the high quality of work that we have become recognised for.

Lucas TCS can provide an end to end solution for civil and mining projects and our project teams have expertise in all areas of civil and mining contracting.

Our clients have included both Local and State Government, Private Industry, Brown Field and Green Field Mining companies and Mine infrastructure, Builders, Industrial Clients and Tier 1 Major Contracting companies.

Lucas TCS houses a significant fleet of plant and equipment providing flexibility to mobilise and ensuring minimal time lost in time delays.

Summary

Lucas TCS is a leading Mining & Civil construction company that has been providing services to the Resources, Energy and Infrastructure Industries for five decades.

We have established one of the largest modern plant & equipment fleets in the country enabling fast and efficient

servicing of projects both locally, remotely & nationally.

Specialists in Mining, Civil Construction, Concrete, Waste Management, Heavy Haulage, Quarrying & Crushing. Lucas TCS also offers mobile camps and has its own aircraft for FIFO projects.

Description

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Lucas TCS houses a significant fleet of plant and equipment giving flexibility to mobilise to sites and ensuring minimal time lost in delays.

To support and ensure our total solution on projects, Lucas TCS owns and operates its own fully self contained Mobile Camp which is available for remote sites, Mobile Maintenance operations, a Survey department and transport department for Logistics.

Associations

- > Civil Contractors Federation (SA)
- > Master Builders Association
- > SA Chamber of Commerce and Industry Business SA
- > Waste Management Association of Australia
- > Quarry Institute of Australia
- > Waste Management Association of South Australia
- > SA Chamber of Mines and Energy (SACOME)
- > Various Individual Memberships

Products & Services

- > Mine infrastructure development
- > Contract mining, quarrying & crushing
- > Civil construction & concrete construction
- > Marine infrastructure & development
- > Waste management, landfill & remediation
- > Heavy haulage & bulk material handling
- > Plant hire & plant maintenance

Industries Served

- > Construction & Engineering
- > Defence
- > Land & Agriculture
- > Mining
- > Oil, Gas & Energy
- > Professional Services
- > Rail
- > Retail, Trade and Other Services
- > Transport
- > Water

Major Clients

- > BHP Billiton
- > Lend Lease
- > Downers EDI
- > Iluka Resources
- > Oz Minerals
- > OneSteel;
- > Arrium Mining;
- > PolyMetals & EXCO JV;
- > AngloGold Ashanti;
- > Phoenix Copper;
- > Western Plains Resources;
- > Guiderra O'Connor;
- > Dominion Gold Operations;
- > Cape Jaffa Development Company;
- > McConnell Dowell Built Environs;
- > IMX Resources;
- > Gold Hill JV;
- > Termite Resources;
- > Cobar Consolidated Resources;
- > Ivanhoe;
- > Fortescue Metals Group;
- > Southern Iron Pty Ltd;
- > Penrice Mining Operations;
- > Cheetham;
- > Boral;
- > Cemex;
- > MSP Group (MVQ);
- > MSP Group (KQ);
- > Australian Zircon;
- > Murray Zircon;
- > DPTI
- > ETSA Utilities;
- > AGSO;
- > PIRSA;
- > SRWRA;
- > Tagara Group;
- > Woolcock Group;
- > Sarah Constructions;
- > Adelaide City Council;
- > Adelaide Airport Limited;
- > Hindmarsh;
- > Thiess
- > Pike Construction
- > MMG Limited
- > Glencore / Noranda Pacific
- > Port Bonython Fuels
- > Nyrstar Port Pirie

Facilities and Equipment

- > 175 Man Mobile Camp Facility
- > 8x Caterpillar 777F Dump Trucks
- > 3x Caterpillar 777G Dump Trucks
- > 3x Caterpillar 777D Dump Trucks
- > 1x Komatsu 465-5 Dump Trucks
- > 1x Komatsu 605-5 Dump Trucks
- > 2x Volvo A40G Dump Trucks
- > 1x Volvo A30G Dump Truck
- > 8x Volvo A40F & A40D Dump Trucks
- > 1x Volvo A30F Dump Truck
- > 1x Caterpillar 740 Watertruck
- > 1x Volvo A40 D Watertruck
- > 2x Cat 740B Ejector Dump Trucks
- > 2x Cat 730C2 Dump Trucks
- > 2x Caterpillar 992K Wheel Loaders
- > 2x Caterpillar 992G Wheel Loaders
- > 4x Caterpillar 988H Wheel Loaders
- > 2x CAT 988B Wheel Loaders
- > 4x CAT 980 M/H/G Wheel Loaders
- > 1x Komatsu WA500-7 Wheel Loader
- > 4x Caterpillar 972H Wheel Loaders
- > 1x Caterpillar 950H Wheel Loader with Hitch and forks
- > 1x Komatsu WA380-5 Wheel Loader
- > 1x Caterpillar 973C Track Loader
- > 1x Caterpillar 966H Wheel Loader
- > 1x Hitachi ZW180 Wheel Loader
- > 1x Hitachi LX150 Wheel Loader
- > 1x Caterpillar IT38G Wheel Loader with attachments
- > 1x John Deere 624 Wheel Loader with attachments
- > 1x Caterpillar 924G Wheel Loader
- > 2x Caterpillar 432F / E Backhoes
- > 3 x CAT D10T Dozers
- > 5 x CAT D9T Dozers
- > 1 x CAT D10N Dozer
- > 1 x CAT D8N Dozer
- > 1 x CAT D7R Dozer
- > 1 x CAT D6R Dozer PT Blade
- > 1 x CAT D6N Dozer PT Blade
- > 1x Hitachi EX1900-6 190 tonne Excavator
- > 1x Komatsu PC2000-8 190 Tonne Excavator
- > 3x 120 tonne EX1200 Excavators
- > 1x Hitachi ZX800 Excavator
- > 1x Hitachi ZX670 Excavator
- > 2x Hitachi ZX490 LCH Excavators
- > 1x Hitachi ZX490 LCH-5 Excavator
- > 5x Komatsu PC300-7,8 30 tonne Excavators
- > 2x Komatsu PC350-7,8 36 tonne Excavators
- > 5x Hitachi ZX350H-3 35 tonne Excavators
- > 6x Hitachi ZX330 33 tonne Excavators
- > 1x Hitachi ZX330 33 tonne Longreach
- > Attachments including tilt buckets, grabs and rock breakers
- > 1x CAT 324D 24 tonne Excavator
- > 1x Komatsu PC200 Excavator
- > 2x Hitachi ZX135US 14 Tonne Excavators
- > 2x Hitachi ZX80 8 tonne Excavators
- > 1x CAT 308E 8 Tonne Excavator
- > 2x CAT 308C 8 tonne Excavators
- > 1x Komatsu PC 4.8T Excavator
- > 3x Caterpillar 16M Graders
- > 1x Caterpillar 16H Grader
- > 4x Caterpillar 14M Graders
- > 1x Caterpillar 14H Grader
- > 3x Caterpillar 140H VHP Graders
- > 1x Caterpillar 12H Grader
- > 5x CAT 657G Scrapers
- > 4x CAT 623G Scrapers
- > 2x CAT 623F Scrapers

- > 3x CAT 631E/G Series II Scrapers
- > 1x Caterpillar 773F Water Cart
- > 1x Caterpillar 773E Water Cart
- > 1x Caterpillar 769C Water Cart
- > 1x Komatsu 465-5 Water Cart
- > 3x CAT 631E Water Cart Scrapers
- > 1x Volvo A40 D Watertruck
- > 1x CAT 825H Compactor
- > 1x 15T Multi Tyred Roller
- > 1x Hamm 18 tonne Smooth Drum
- > 1x Bomag 15 tonne Smooth Drum
- > 3x CAT 12 tonne Padfoot or Smooth Drum Rollers
- > 2x CAT 6 tonne Smooth Drum Rollers
- > 5x CAT Smooth Twin Drum Rollers
- > 1x 50T Marko Roller R/T Airport Roller
- > 1x 200T Platform Trailer
- > 14x Primer Movers
- > 6x 27 - 100 tonne low loaders
- > Full range of side tippers, road trains, B- Double, end tippers
- > 6x Fuel Trucks
- > 5x Water Trucks
- > 5x Isuzu Tandem Tippers
- > 2x Road Train Water Tankers
- > 18x Various Light Trucks
- > 3x Tilt Trays with Hiab
- > 11x Bobcat skid steers
- > 6x Metso LT1213S Mobile Crushers
- > 1x Metso ST620 Mobile Screening Plant
- > 1x Metso ST4.8 Mobile Screening Plant
- > 3x Metso ST3.8 Mobile Screening Plants
- > 1x Finlay 694 Mobile Screening Plant
- > 2x Metso LT3054 Track mounted Jaw Crushers
- > 1x Metso LT300 GPS Cone crusher
- > 1x Metso C125 Jaw Crusher
- > 1x Metso HP400 Cone Crusher
- > 2x NW403 Twin Screens
- > 1x Metso ST2.8 Reclaimer
- > 1x Finlay 683 Reclaimer
- > 3x Tracked Materials Stackers
- > 1x Atlas Copco D65 DTH Blast hole Drill Rig
- > 1x Atlas Copco ROCL8 DTH Blast hole Drill Rig
- > 1x Atlas Copco F9C Blast hole Drill Rig
- > 1x Volvo FH16 Twin Steer 12 Tonne Mobile Mixing Unit
- > 4x Explosive Magazines
- > 1x Concrete batching Plant Truck
- > 3x 20t Franna Cranes
- > 1x Vacuum excavation Trucks
- > 1 x 120T Long Reach Excavator
- > 1 x 34M Concrete Boom Pump Truck
- > 1x Laser Screed

Accreditations

- > Australian Government Building and Construction WHS Accreditation Scheme (issued by Federal Safety Commissioner)
- > OH & S Management System AS/NZS 4801:2001 & OHSAS 18001:2007
- > Quality Management System AS/NZS ISO9001:2015
- > Environmental Management System AS/NZS ISO14001:2015
- > AustRoads National Prequalification Scheme
- > CAL Accreditation
- > National Heavy Vehicle Accreditation Scheme
- > WA Heavy vehicle Accreditation
- > DPTI Commercial and Residential Contractors Accreditation (Trade Contractor)
- > DPTI Mobile Crushing (P7) Prequalification
- > National Code of Practice 2016 for Construction Industry Compliance

Previous Significant Projects

2019

**Mimili to Indulkana Main Access Road
Construction - APY Lands
\$35,000,000**

Client: DPTI

Lucas TCS have been awarded the contract for the reconstruction of approximately 70km of the Main Access Road between Mimili and Indulkana in the APY Lands.

2018

**Carrapateena Southern Access Road
\$7,000,000**

Client: OZ Minerals

Lucas TCS were awarded the contract for upgrades to the Southern Access Rd for the Carrapateena Mine Site.

A total of nine sites have been designed & constructed to Austroads and ARRB standards.

Works required included using excavated material on site to build an embankment, up to 1.5m from the natural surface. pavement widening, provision of drainage swales, relocation of existing signage, and a full width overlay of a 200mm wearing course for the full extent of the works.

2018

**Granville Harbour Wind Farm
\$60,000,000**

Client: Vestas - Australian Wind Technology Pty Ltd

Lucas TCS and RJE Global Pty Ltd have formed a consortium which is responsible for the design & construction of all associated civil & electrical infrastructure required to operate a 31 Turbine Wind Farm.

The scope of work specific to Lucas TCS consists of the following:

- 31 Wind Turbine Foundations
- 19km of road construction

- Design and construct Operations & Maintenance Building
- Heemskirk Rd Intersection upgrade (construct only)

2019

**Mt Keith Haul Road
\$15,000,000**

Client: Qube Bulk Pty Ltd

The Mt Keith Haul Road is a 17km expansion project being constructed to develop a satellite mine to the main BHP Nickel West's Mt Keith mining operation.

Lucas TCS were engaged by Qube Bulk to design & construct all civil works relating to the haul road including the following infrastructure.

- 12m wide Heavy haul truck access road
- 15m wide heavy vehicle access track
- Heavy vehicle passing bays
- Drainage for the floodplains
- floodways & culverts & temp water facilities.

2018

**D&C Eyre, Lincoln & Augusta Highways
Overtaking Lanes
\$4,500,000**

Client: DPTI

Lucas TCS were awarded the project to design and construct three new overtaking lanes, one each on the Augusta, Eyre and Lincoln Highways to help improve safety and efficiency.

2018

**Lucky Bay Grain Storage Facility
\$6,500,000**

Client: Inheritance Capital Asset Management Pty Ltd

Lucas TCS were awarded the contract for the bulk earthworks for the construction of new grain storage facilities in Lucky Bay.

The scope of works included site preparation and earthworks, demolition of existing pavements, pavement construction, stormwater drainage, water reticulation and service trenching.

2017

Cultana Training Area Redevelopment
\$35,000,000

Client: St Hilliers

Expansion of the Cultana Training Area is part of a master plan for the Defence Department & was required to support future joint training needs, critical for maintaining Australia's Defence capability.

Lucas TCS were engaged by St Hillier to construct all civil works and services onsite in our first Defence contract, which included a mixture of bulk and detailed civil construction works.

2016

Ararat Wind Farm
\$15,000,000

Client: Downer EDI

The Ararat Wind Farm is located 180km north-west of Melbourne and comprises of 75 wind turbines.

The scope of work involved the construction of 37km of access tracks, wind turbine hardstands and the excavation and backfill of the wind turbine structures.

The key statistics for the project included:

- . 440,000m³ cut and fill
- . 300,000m³ drill and blast
- . 150,000t crushed material
- . 22,500m³ drainage rock protection

2017

Bickford Terrace Major Drainage Project
\$2,000,000

Client: The City of Holdfast Bay

This project involved micro tunnelling to install 220m pipe instead of traditional open cut excavation construction techniques which would have been difficult to construct due to the depth required.

A large 83m long culvert (1.8m x 3.6m holding 530KL) detention/storage unit was constructed under the road of Bickford Tce to retain water.

Using a Guided Boring System over 220m of pipe was hydraulically jacked, in some areas 9m under ground level, to the precise line & level required.

2016

SMR Mobile Crushing
\$10,000,000

Client: Arrium Mining

Lucas TCS were engaged for auxiliary crushing and screening contract for various Arrium Mining mine sites across the Southern Middleback Ranges which covers the Whyalla and Coober Pedy regions.

The contract involved the mobilisation to various sites, performing crushing and screening services, demobilisation and relocation to the next scheduled sites for the duration of a two year contract.

The contract was based on processing between 65,000 to 95,000 tonnes per

2016

**The Bend Motorsport Park Main Racing Circuit
\$25,000,000**

Client: Peregrine Corporation Infrastructure (PCI)

In 2016 Lucas TCS was awarded construction of the Main Racing Circuit at The Bend Motorsport Park, one of the most significant developments in Australian Motorsport history.

The project involved hard rock excavation and cut and fill of over 500,000m³ of material, 200,000t of onsite won material for pavement construction, 9km of barriers & debris fencing, 6km of kerbing & thousands of metres of stormwater drainage.

This won a state CCF Earth Award in 2018 for construction excellence

2014

**Adelaide Airport Terminal Expansion Civils
\$5,000,000**

Client: Lend Lease

The Adelaide Airport Terminal 1 E project was a civil works package for the main terminal which added approximately 20,000m² of space to the southern apron, creating additional space for aircraft parking.

The expansion also required the re-alignment of part of Sir Richard Williams avenue, which provides access to the long term car park.

Lucas TCS were contracted to provide all earthworks, pavement works and stormwater works as part of our scope.

2015

**Iron Baron Crushing & Screening Plant Upgrade and Production Increase
\$200,000,000**

Client: Arrium Mining

Lucas TCS were contracted for the Design and Construction of an upgrade of Crushing & Screening Plant from 2.9 MTPA capability to 4.4 MTPA plant.

Contract for an increase in crushing & screening production from April 2015 to 2021.

2015

**McNamara Road Upgrade
\$30,000,000**

Client: Noranda Pacific

The project requirement was to build approximately 51km of new roadway to replace a very dusty, ill formed access road servicing two mine sites and local communities.

The project was on a gazetted indigenous reserve and all material for the road was to be sourced within 100 metres of the centreline.

Lucas TCS performed the following scope of works:

- . Clear & grub;
- . Topsoil strip;
- . Survey/setout;
- . Establishment of borrow pits and borrow pit extraction and other works

2014

**Nyrstar Port Pirie Transformation Civils
\$20,000,000**

Client: Nyrstar Port Pirie

Lucas TCS were awarded the contract for all the Transformation civil and concrete works involving extensive upgrades to all areas of the existing smelter.

Civil works for the project included all bulk earthworks, storm water drainage, services and road pavement including hot mix asphaltting.

Lucas TCS also undertook all concrete works for the transformation project consisting of hardstands, pavements, pile caps and detailed footings and structures for all new infrastructure.

2012

**Jacinth Ambrosia Haul Road Sealing
\$10,000,000**

Client: Iluka Resources

Sealing of 90 km haul road and airstrip.
Located near Ceduna, SA.

2012

**Mindarie Mineral Sands Mining Contract - 2
Years
\$70,000,000**

Client: Murray Zircon

Lucas TCS performed the earthmoving at the Mindarie 'C' Mineral Sands project in the Murray Mallee region of South Australia for Murray Zircon.

Over 7 million tonnes of ore was mined using scrapers and wheel loaders to ensure continuous feed to the client's processing plant.

2014

**Dugald River Access Roads
\$20,000,000**

Client: MMG Limited

Lucas TCS were engaged for two Access Road Construction contracts for the Dugald River Mine. The first was the Main Access Road approx 10 km in length.

The second project running concurrently with the first contract was the Village Access road of approx 3km in length through rocky and difficult terrain.

Construction included an 80m bridge structure, multiple culvert crossings and a CASA specification Emergency Airstrip inbuilt into a widened section of the road

2014

**Port Bonython Fuels Facility Main Civils
\$9,000,000**

Client: Port Bonython Fuels

The Port Bonython Fuel Terminal was a \$110 Million dollar project that was constructed from late 2014 to mid 2016 and located approximately 25km North of Whyalla and around 80km South of Port Augusta at Port Bonython.

Lucas TCS were awarded contracts for the main tank foundation construction and for the remaining major civil and concrete works package to deliver the main fuel facility.

Key Facts

- 200,000 m³ earthworks construction
- 3,000 m³ concrete construction

2012

**Osbourne Haul Road Construction
\$30,000,000**

Client: Ivanhoe Australia

In 2012, Lucas TCS completed the construction of a 47km Haul Road for Ivanhoe Australia Limited. The road stretched from Mt Dore to Osborne, as part of the Osborne Mine.

The scope included clearing and grubbing, topsoil stripping, the cut and filling of approximately 500,000m³ of site won material, pavement construction, and close to 50 culvert crossings and the Mort River crossing, the rehabilitation of areas impacted by construction activities.

2012

**Solomon Spur Rail Embankment Construction
\$50,000,000**

Client: Fortescue Metals Group

This project involved the construction of a new embankment of approximately 142km & associated infrastructure to accommodate the new rail to the Solomon Mine located in the Pilbara region of WA.

The work involved the sourcing, hauling, compacting & trimming of 500,000m³ of earth fill and subballast capping from local borrow pits along the alignment, & construction of over 6km of CSP culverts to withstand sheet flows and flooding regularly experienced in the region.

2012

**New Royal Adelaide Hospital Civils - Stage 1
\$10,000,000**

Client: HYLC JV

Between 2012 and 2014, Lucas TCS was engaged as Head Civil Contractor for Stage 1 of the New Royal Adelaide Hospital works.

The Stage 1 contract involved various portions of work on the site including site cut and fill, retaining walls, pile cap and column backfill, ground slab trimming and detailed excavation, building access and egress ramps, exposing piles and management of all contaminated and non contaminated spoils on site.

2012

**Wonawinta Mining Contract & TSF Construction
\$50,000,000**

Client: Silver Corporation of Australia

Lucas TCS undertook the contract mining, crushing and screening at the Wonawinta Silver, Mine Site, 80km south of Cobar in NSW for Cobar Consolidated Resources.

The Wonawinta mine was the largest pure silver project in Australia at the time and Lucas TCS were contracted to move 16 million BCM of overburden and ore.

The contract involved all load and haul activities, drill and blast, grade control drilling, process plant feed and construction of the tailings storage facility.

2011
Bluestone Estate Subdivision- Stages 2A & 2C
\$10,000,000

Client: Walker Corporation

Lucas TCS completed this major contract for the construction of stages 2A and 2C of the Mt Barker Bluestone Estate Subdivision, spread across 130 hectares & located on Hurling Drive, Mount Barker.

The project works included bulk earthworks, over 10km of underground services, retaining walls, creek diversions, road construction & landscaping activities.

Approx 4.5km of roads were constructed as part of the scope of works along with the construction of two roundabouts.

2011
Prominent Hill - Various Mine Infrastructure
Contracts
\$50,000,000

Client: OZ Minerals (Oxiana)

Various Site Infrastructure Contracts including Top Soil Striping, Airstrip Construction, Access Roads, Bulk Earthworks and services, Tailings Dam Construction, Concentrate Haul Road (90km), Culvert Installation and Haul road upgrade, Stuart Highway underpasses & TSF uplift.

Located near Coober Pedy, SA.

2011
Iron Baron Crushing and Screening, Load & Haul
& Train Loading - 6 year contract
\$150,000,000

Client: Arrium Mining

Lucas TCS undertook the contract crushing, screening, rehandle train loading at the SIMEC Mining Iron Baron Iron Ore Mine near Whyalla, South Australia from 2011 to 2018.

Lucas TCS were contracted to process 6Mtpa of iron ore.

2011
Peculiar Knob Haul Road Construction
\$40,000,000

Client: Arrium Mining

Lucas TCS were contracted to construct the 97km heavy haul road to service the Peculiar Knob mine site, which was required to withstand repeated heavy loads as 4MTPA of ore was trucked to the Wirrida Siding for crushing and processing.

Lucas TCS cleared nearly 2,000,000 m² of total area for the infrastructure & roadworks, parts of which were heavily vegetated and the road was constructed using onsite materials and approximately 300,000m³ of cut & fill earthworks.

2011
Tropicana Haul Road Construction
\$50,000,000

Client: AngloGold Ashanti

Lucas TCS was awarded the contract on the Tropicana Gold Project in Western Australia to construct 223km of heavy haul road to service the new Tropicana Gold mine site located 300km North East of Kalgoorlie.

Works included the clearing and grubbing, stripping & preparation of over 4m² of area. Cut & fill of approximately 500,000m³ & pavement construction of nearly 1,000,000t. The project also included the construction of turkeys

2010

Common User Facility & Ship Lift

\$8,500,000

Client: McConnell Dowell

From 2008 to 2010, Lucas TCS completed works for McConnell Dowell for the new air warfare destroyer ship lift and dredging project.

The works involved the excavation of a 24m deep excavation adjacent to the Port River.

Works also included the dredging works with a special purpose built 120 tonne long reach excavator with extended boom and clamshell attachment for the excavation of the channel.

2009

Cape Jaffa - Marina Development

\$40,000,000

Client: Cape Jaffa Anchorage

Stage 1 & Stage 2 residential and commercial marina development of 500 allotments.
Located in Cape Jaffa, SA.

2009

White Dam Mining Operations

\$50,000,000

Client: Polymetals EXCO JV

From 2009 - 2012 Lucas TCS undertook the Contract Mining and Civil earthworks for the Polymetals/EXCO Joint Venture at the White Dam Gold Mine approximately 90km from Broken Hill, NSW.

Scope included

- transformation of greenfields site to operational mine
- Construct HDPT lined leach pads, solution channels & leachate ponds, process plant earthworks and access road construction.
- Drill & blast
- Load & Haul
- Ore stacking & lime dosing
- Site rehab

2010

Iron Baron Mining

\$250,000,000

Client: Arrium Mining

From 2011 - 2018 Lucas TCS undertook the contract mining, crushing, screening & rehandle at the SIMEC Mining Iron Baron Iron Ore Mine near Whyalla, SA.

Since mobilising to the project in 2011, Lucas undertook all civil works required to bring the project into operation, including haul and access roads, plant earthworks, ROM pad and train load out facility construction.

Contract works included:

- . Drill & blast, Load & haul, crush & screen, rehandle, civil works inc roads, ROM Pads etc.

2009

Jacynth-Ambrosia Mine Facilities Development

\$60,000,000

Client: Iluka Resources

The Jacynth Ambrosia Mine is one of the world's largest mineral sands mines located 270km west of Ceduna in SA.

Lucas TCS were contracted to construct:

- . Permanent village for 300 personnel
- . 200m Airstrip
- . Over 92km of major road works
- . Bulk earthworks
- . Process water dams
- . Environmental dams
- . 5,500m³ of site batched concrete
- . 4,000 hold down bolts
- . 14km of underground services for the process facility including fire, process water & communications



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