



Clayton Richards

DIRECTOR & PRINCIPAL CONSULTANT

Could your team use a professional Enviro with over 20 years of soils and rehabilitation experience on 50+ mine sites? Someone who is great to work with, and provides practical science backed solutions to support project approvals and regulatory compliance? I may be just what you need.

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Minesoils Pty Ltd. ABN 84 627 497 509

QUALIFICATIONS

Certified Professional Soil Scientist (CPSS)

B. Natural Resources (Hons) 1998

Grad Dip Education 2006

Cert IV Trainer and Assessor 2006

BACKGROUND

Most of my professional career has been as an Environmental Consultant within the NSW and QLD mining industry. My focus has always been on providing specialist advice in the **assessment, management and implementation of soil and rehabilitation related disciplines** that face new and existing mining projects. I have been a Certified Professional Soil Scientist (CPSS - 2) for the last 10 years.

I started my career with Global Soil Systems in 1999. There I thrived and gained extensive hands on experience with **soil survey work, mine site rehabilitation, erosion and sedimentation control, site auditing, and general environmental management** within mining and related industries. I also worked as a Senior and Principal Consultant with GSS Environmental and SLR Consulting for over 12 years providing expert technical inputs into some of the most sensitive and controversial mining projects in NSW and QLD.

In 2018 I founded Minesoils Pty Ltd. A specialist consulting firm which provides clients with **down to earth, tailored service in soil, land rehabilitation, agriculture, mine closure and operational support**. The aim of Minesoils is to provide this service based on solid science and real experience, being easy to work with and offering our clients a **genuine confidence** in project success.

SPECIALIST SERVICES

Soil survey and land resource assessments

Rehabilitation strategies and auditing

Agricultural impact assessments

Erosion and sediment control works

Mine closure plans and liability assessment

Environmental support and onsite secondment

OUR VALUES

CONNECTION

+ with our Clients through genuine curiosity and understanding of their values and their needs

+ with our own passions and skills in Environmental Management

LEADERSHIP

+ by demonstrating our pragmatic approach and positive attitude in all our business relationships

+ by applying our technical expertise and creative minds in all projects

WORK HISTORY

2018 – Current	Principal Consultant & Director (Minesoils, Tamworth NSW)
2013 – 2018	Principal Consultant (SLR Consulting, Tamworth NSW)
2010 – 2013	Managing Associate (GSS Environmental, Newcastle NSW)
2006 – 2010	Senior Project Consultant (GSS Environmental, Newcastle NSW)
2002 – 2006	Natural Resource Mgt – Lecturer (East Gippsland TAFE, BVIC)
1999 – 2002	Environmental Consultant (Global Soil Systems, NSW)
1995 - 1999	Bachelor of Natural Resources (UNE, Armidale NSW)

MY OWN WORDS

"I simply love what I do. I was that little five-year-old boy always playing in the mud, digging up soil and rocks, growing plants and so curious about how it all worked together. Here I am, many years later, still passionate about the land and loving what I do".

HAPPY CLIENTS

Glencore	EMM
Whitehaven Coal	Hansen Bailey
BHP	SLR
Rio Tinto	Advisian
New Hope	ProTen
Centennial Coal	Thiess
Idemitsu	URS
Kepeco	QGC
Yancoal	Worley Parsons
Total	Iluka Resources
Carpentaria Gold	Jacobs
Shenhua	Hunter Quarries
Hancock	GHD
Regis Resources	BMA
Tronox	ERIAS

MY INTERESTS



Family



Small Scale Farming



Athletics



Renovations



Books



Travel

PROJECT EXPERIENCE SUMMARY

Soil Survey - Land Capability – Biophysical Strategic Agricultural Land (BSAL)

- Rio Tinto Weipa Soil & Tailings Assessment for Landfill Rehabilitation | 2019
- Dartbrook EIS Soil and Land Resource Assessment, including BSAL | 2018
- Bylong Coal Project RTS and PAC Soil, BSAL and Rehabilitation | 2017
- Bucks Reef Land Resource Assessment | 2017
- Whitehaven Brickworks/Springfield Soil & Overburden Assessment | 2017
- Papua New Guinea LNG Soils, Terrain and Geology Assessment | 2016
- New Acland Land Resource and SCL Assessment | 2015-2017
- Tarrawonga Alluvial Survey | 2015 - 2018
- West Muswellbrook Soil and Land Capability Assessment, BSAL | 2014
- Red Hill Soil and Land Suitability Assessment, including SCL | 2013
- Shenhua Watermark Soil, Land Capability & BSAL | 2011-2014
- Soil and Land Capability Assessments | 2006 to 2012 | including: Kevin's Corner, Goonyella Riverside, Hunter Quarries, QER, Werris Creek, Grosvenor, Maules Creek, Foxleigh, Rocglen, Angus Place, HVO Carrington, Codrilla, Boggabri, Coppabella, Cobbora, Donaldson, Caval Ridge, Charbon, Integra and Mineral Hill.

Land Rehabilitation – Plans, Implementation, Project Management and Auditing

- Tronox Rehabilitation Plan – Soil Management | 2019
- Mangoola IEA Rehabilitation Audit | 2018
- Bulga IEA Rehabilitation Audit | 2018
- Stratford & Duralie IEA Rehabilitation Audit | 2018
- Mt Owen Complex IEA Rehabilitation Audit | 2014 & 2018
- Mt Arthur IEA Rehabilitation Audit | 2017
- Bylong Rehabilitation Management Plan | 2017
- Charbon Rehabilitation Audit | 2014
- Watermark Rehabilitation Management Plan | 2015
- Bengalla Mine South Dump Rehab Project | 2006
- Tambo River 'Riparian Restoration Project' | 2005
- Hilderbrandts Wetland Rehab Project Design | 2005
- Maringa Creek Rainforest Restoration Project | 2003
- Singleton Army Base Gully Stabilisation and Revegetation | 2000
- Direct Tree Seeding Programs (Wambo, Mt Owen, Liddell, Mt Thorley, Bengalla)

Agriculture Impact Assessment

- Agricultural Impact Assessments project management and/or peer review for the following sites: Dartbrook, New Acland, Bengalla, Liddell, Newstan, Northern Coal Logistics, Mandalong South, Springvale, Bylong, Cobbora, Angus Place, Mandalong, Balranald, Tahmoor South, Neubeck and Airly.

Mine Closure Planning and Rehabilitation Liability Assessment

- United Coal Mine Closure Plan update | 2008
- Cumnock Conceptual Mine Closure Plan | 2008
- Bulga/Beltana Mine Closure Plan update | 2008
- XCN Corporate Closure Rates Update | 2008
- Integra Coal Mine Closure Plan | 2007
- Mine Closure Liability Review and updates for sites include: Tahmoor, Donaldson, Bengalla, Cumnock, Ravesnworth/Narama, Bulga and Beltana.
- Bengalla Life of Mine Planning | 2006

Environmental Support Roles

- Werris Creek Site Secondment (3 months) – Environmental Officer | 2019
- Bengalla Site Secondment (12 months) – Environmental Manager | 2006
- Bengalla Site Secondment (3 months) – Environmental Officer | 2000
- Wambo Site Secondment (3 months)– Environmental Officer | 1999