



ODESSA

MINERALS

DIAMOND Exploration

March 2022



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Corporate Overview

CAPITAL STRUCTURE

ODE
ASX Code

~\$10.2M
Market Cap *(at \$0.014 per share)*

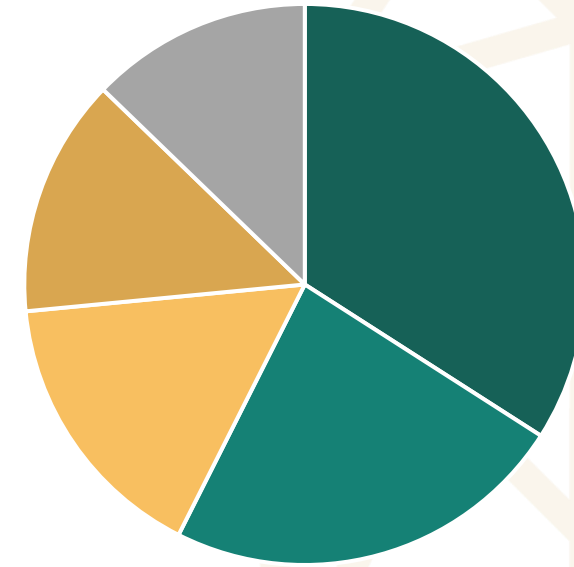
150.6M
Unlisted Options *(\$0.04 exercise)*

~\$5.5M
Cash *(est. post transaction and receivables)*

733.5m
Shares on Issue *(post-transaction)*

~\$4.7m
Enterprise Value

Top 5 ODE Shareholders



- PHOENIXAVIER PTY LTD
- GOLDEN TRIANGLE CAPITAL PTY LTD
- CITICORP NOMINEES PTY LIMITED
- LOKTOR HOLDINGS PTY LTD
- CERTANE CT PTY LTD



Experienced Board and Management

Zane Lewis

Non-Executive Chairman

BEcons FGIA

Mr Lewis is a principal and joint founder of corporate advisory firm SmallCap Corporate which specialises in corporate advice and compliance administration to ASX listed companies.

He provides the board with a wealth of knowledge obtained from his diverse financial and corporate experience in previous ASX company appointments.

Mr Lewis is a Fellow of the Governance Institute of Australia and is a Non-Executive Director of Lion Energy Limited and Kingsland Global Limited.

Alistair Stephens

Chief Executive Officer

MBA, Grad Dip Business, BSc (hons) (Geol)

Mr Stephens is a qualified geologist with more than 30 years' experience in the resources industry, in a broad range of technical and corporate management roles.

He has extensive breadth of technical, operational, commercial management and corporate governance. He has worked in the Australia, Solomon Islands, Fiji, Indonesia and has African exposure.

Darren Holden

Non-Executive Director

BSc (hons) (Geol), PhD (History)

Dr Holden is a geologist and experienced director with over 25 years' of industry experience in Australia and internationally including projects in Canada, USA and Mexico.

Dr Holden currently operates exploration advisory business GeoSpy Pty Ltd and is a founder and director of project generators Marlee Minerals Pty Ltd and Odette Geoscience Ltd. Dr Holden is also a Non-Executive Director of Aurumin Ltd.

Dr Holden was previously Managing Director at ABM Resources and Executive Vice President of Exploration at Geoinformatics.

Lisa Wells

Non-Executive Director

BAppSc (Geol)

Ms Wells is a geologist and business entrepreneur with over 26 years' experience in the resources sector.

Ms Wells' experience includes diamond exploration on the Company's projects in the central Kimberley region.

Ms Wells is currently a director of MLM Drilling Pty Ltd.



Investment Snapshot

Why Diamonds?

Supply down, demand up, prices rising

Why Odessa?

Brownfield projects ~2,600km² :

Aries diamond pipe, and 26 other pipes confirmed

Extensive alluvial channels in diamond enriched provinces

Our Objective

Ethically sourced diamond producer

Odessa is an ESG focused group, building a sustainable business on environmental care and strong relationships with traditional owners

Quality Team

Experienced team

Diamond explorers - adding value for shareholders



Why Odessa?

- No significant scale diamond exploration in Australia for nearly 20 years
- Argyle is closed forever = **millions** of carats deficit
- Diamond supply is down, demand is up, prices are rising
- Diamond sector is revitalized:
 - Lucapa's acquisition of Merlin Diamond Mine (NT) in 2021
 - Burgundy Diamonds' acquisition of Ellendale alluvial diamonds
- Market *demanding* ethically-sourced diamonds
- Odessa's project portfolio includes large diamondiferous pipes.





Odessa's Project Portfolio

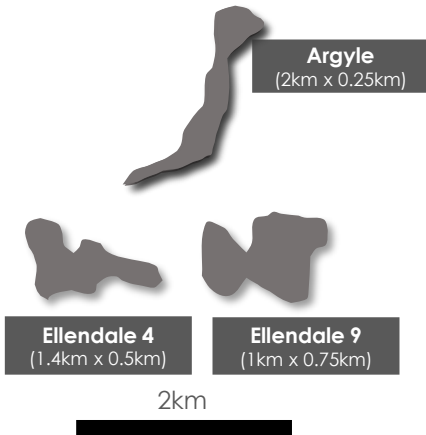
- 2 granted tenements and 18 applications
- >2,600km²
- >150 individual diamond occurrences
- Aries is the largest and most diamondiferous known kimberlite in Western Australia
- Identified extensions beyond the known pipe at Ellendale
- New application to cover alluvial diamonds down stream of Argyle diamond mine



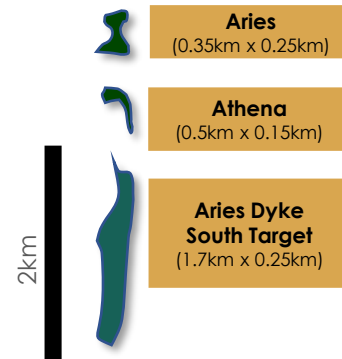


Premium diamond footprint

Commercially exploited diamond pipes in WA



Odessa's Kimberlite Pipe Footprints



Odessa's Lamproite Pipe Footprints



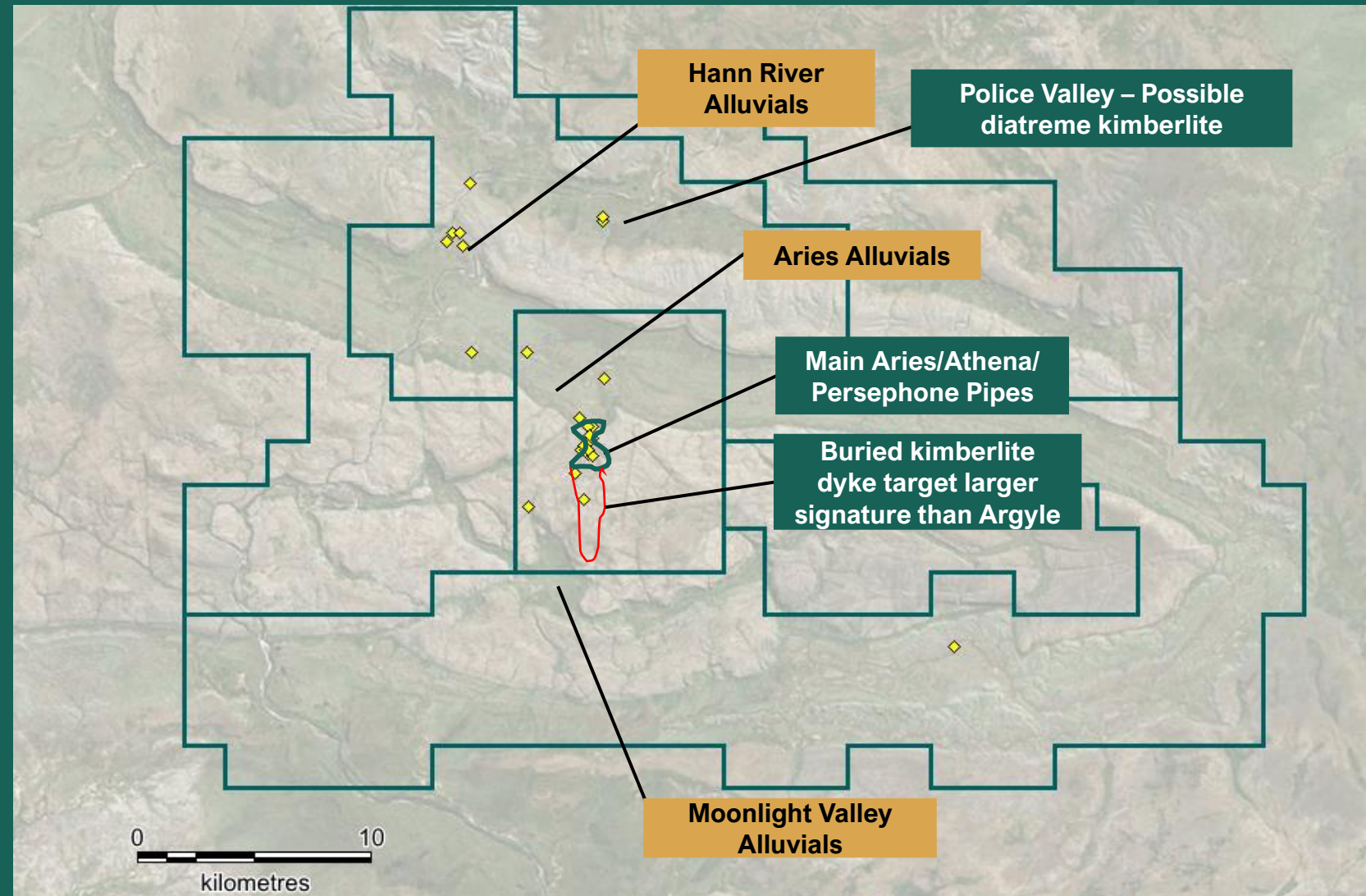
Argyle produced diamonds for nearly 40 years.

Odessa has secured lamproite and kimberlite pipes with impressive footprints where previous work has been insufficient to determine resources



Aries Project (ODE 90%)

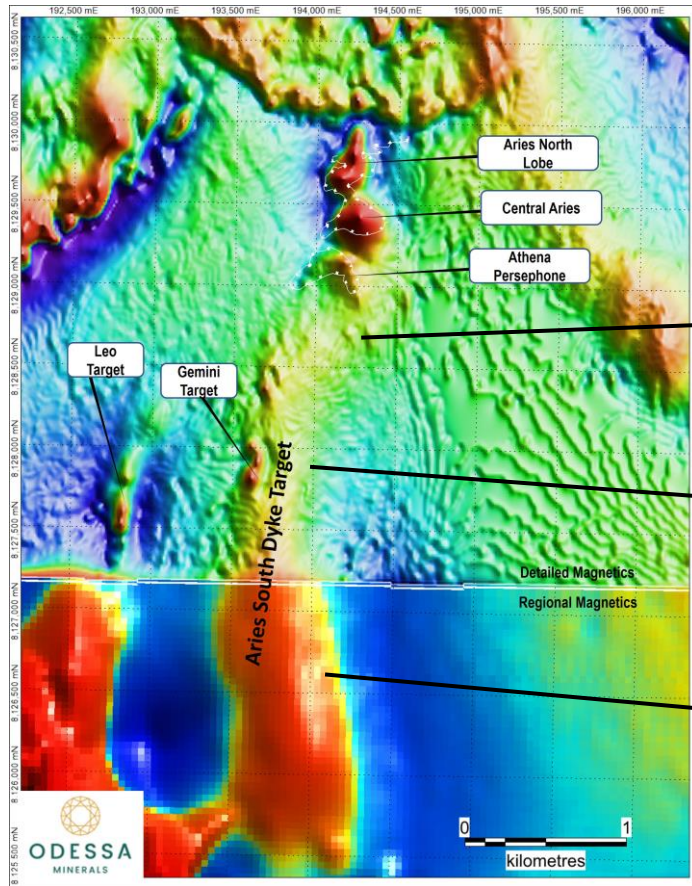
- Aries is the largest known kimberlite in Western Australia
- Previous bulk sampling 1991 recovered 4,973 diamonds totaling 1,074 carats
- 2005 exploration sampling recovered 181 diamonds @ 4.9cpt with **95% gem & semi-gem quality**
- Odessa to explore channels and pipes using state-of-the-art technologies



Aries: A big system – long & deep



Argyle AK1
Footprint @
same scale



Positive
indicators
upstream from
Aries!

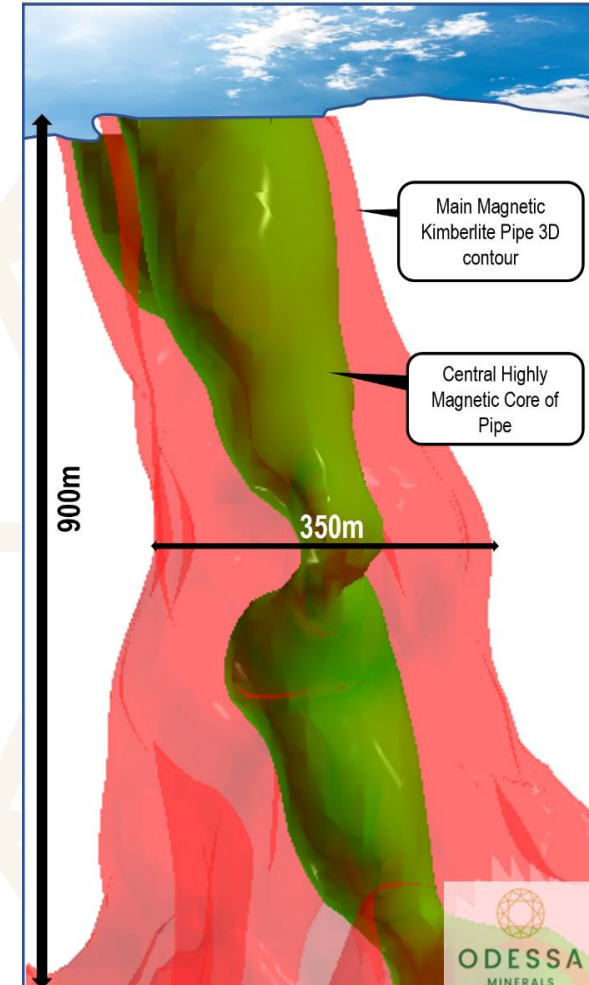
Gemini positive
indicator minerals

Geophysical data
indicates that
Aries is part of a
N-S dyke

Aries Pipe is possibly
an extension of a
buried kimberlite dyke

Geophysical data
indicates a system 3
to 5km in strike and at
extends surface to
900m in depth

Drill program planned
to test diamond
occurrences at
surface and at depth





Aries – gem capable diamonds

Varying shades, hues and colours



Approx. maximum size ~6mm

Aries Diamonds from UKD Sampling 2005. A total 181 diamonds were returned for 25.34 carats

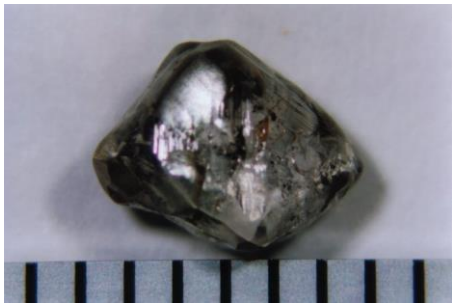


Argyle South – Bow River – New Application

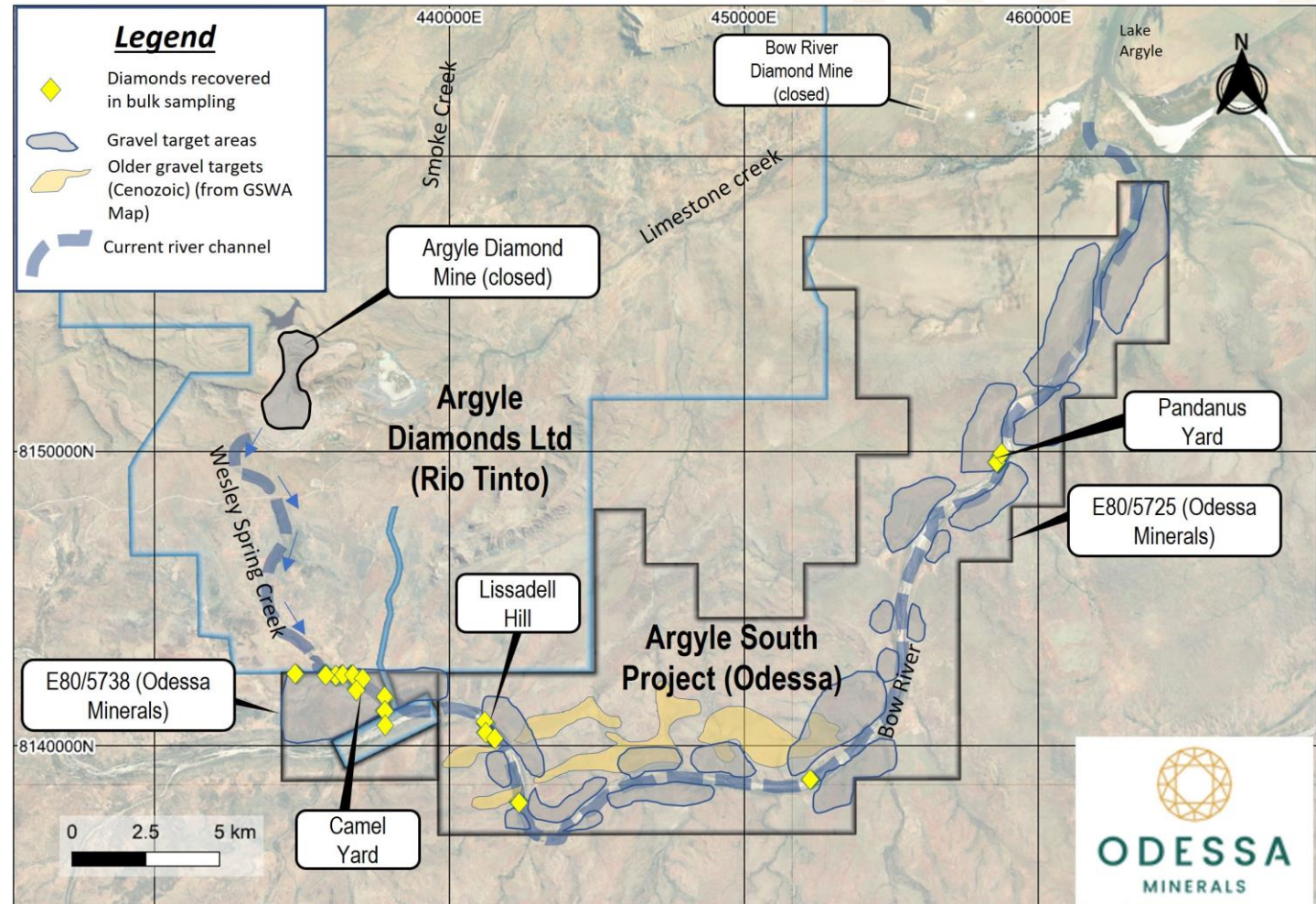
Over 200km² of tenement
downstream of Argyle

Diamond bearing occurrences in
alluvial channels

Exploration target: alluvial channels
with increased concentrations in
channel beds



*One of the larger stones
previous recovered from the
Argyle South project from the
Pandanus Yard area. Diamond
is nearly 6mm across. Each
scale equals one mm.*





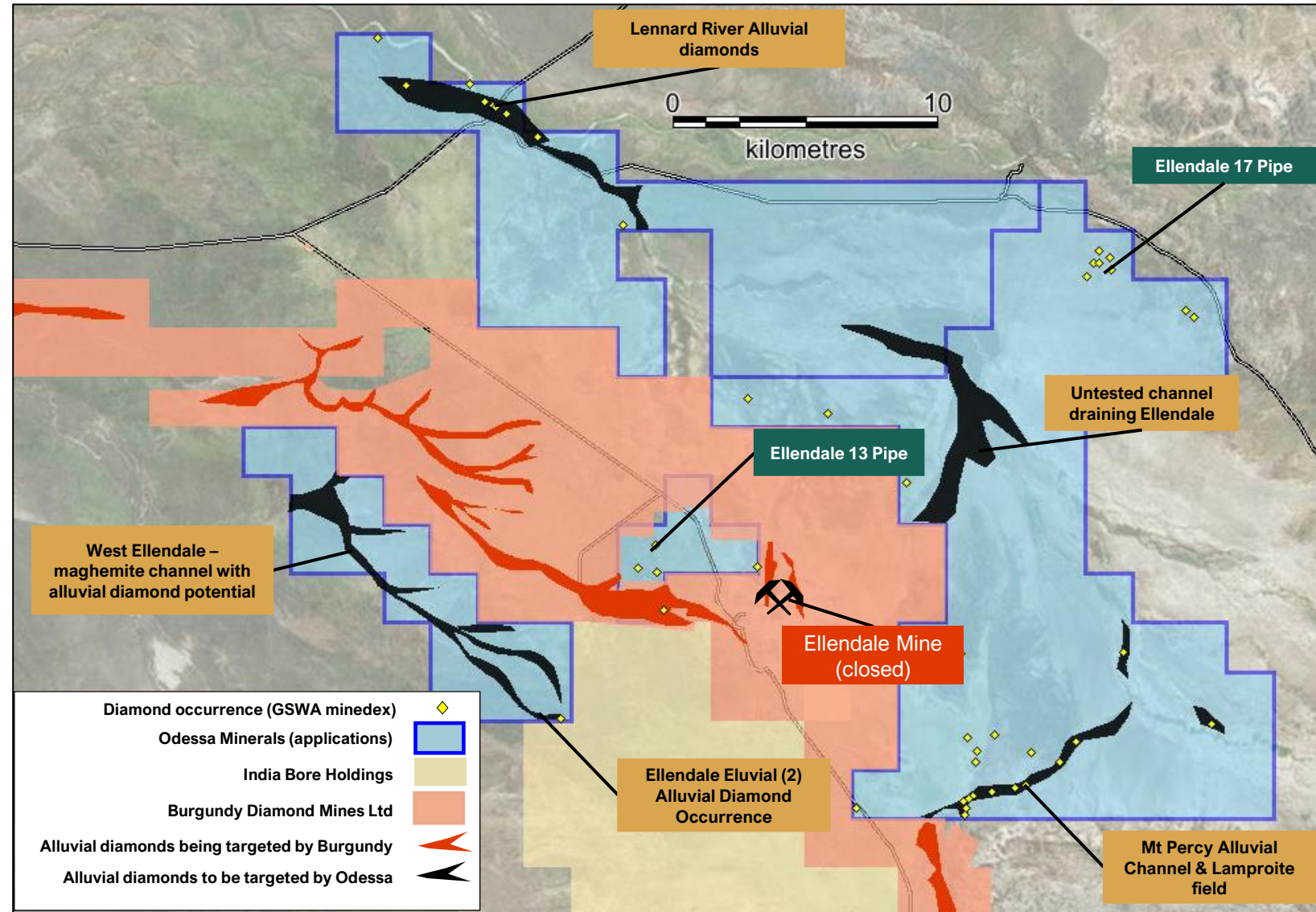
Ellendale Extensions: the home of the fancy yellows

Ellendale Pipe 17:
Diamonds confirmed

Ellendale Pipe 13:
Diamonds confirmed

Four potential alluvial channel fields identified

Awaiting grant before ground work





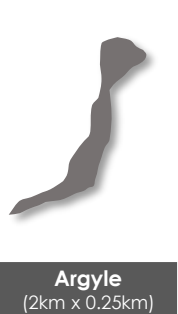
Noonkanbah & Calwynyardah Field

Largest known lamproites in Australia (Walgidee & Mt Abbott)

Multiple diamond occurrences identified in alluvial channels

Underexplored

Awaiting grant



Argyle
(2km x 0.25km)

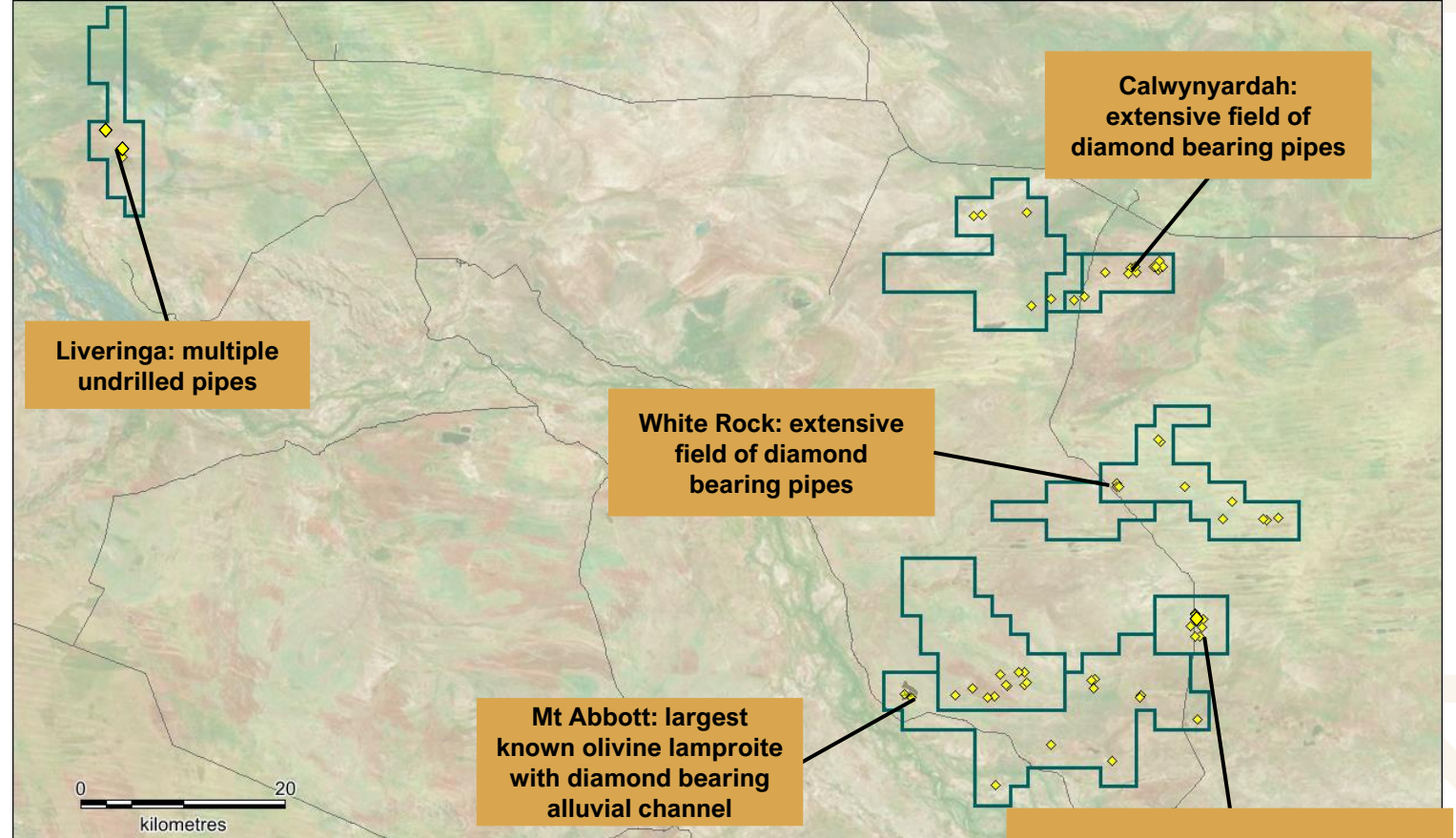


Walgidee
(2.3km x 2.2km)



Mt Abbott
(1.25km x 0.75km)

2km



Liveringa: multiple
undrilled pipes

White Rock: extensive
field of diamond
bearing pipes

Mt Abbott: largest
known olivine lamproite
with diamond bearing
alluvial channel

Calwynyardah:
extensive field of
diamond bearing pipes

Walgidee: the largest known
lamproite in the world



Exploration Objectives

Aries Project

- Access agreements - underway and awaiting approval – environmental works underway
- Diamond drilling at depth and along strike of exposed pipe to test diamond pipe extensions
- Auger drilling of exposed pipe to test macrodiamond & microdiamond relationship
 - will assist in grade relationships with deeper drilling
- Gravity geophysical ground work to test for non-magnetic kimberlite pipes

Ellendale, Calwynyardah, Noonkanbah Field

- Geophysical magnetic assessment on Calwynyardah
- Access agreements with Traditional Owners in progress
- Passive seismic for mapping alluvial channels
- Sampling and testing of channels and pipes

Argyle South, Diamond Alluvial System

- Two new exploration licence applications submitted
 - Covers 40km of diamond-bearing alluvial channels draining from the Argyle Diamond Deposit
 - Previous exploration identified multiple sites with significant diamond accumulations in gravel

The Odessa Value Proposition



RESPECT

-  Relationships that Last
-  Environmental Care
-  Social Care
-  Producing Responsibly
-  Engage Openly and Honestly
-  Cultural & Spiritual Awareness
-  Tolerance for Diversity

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