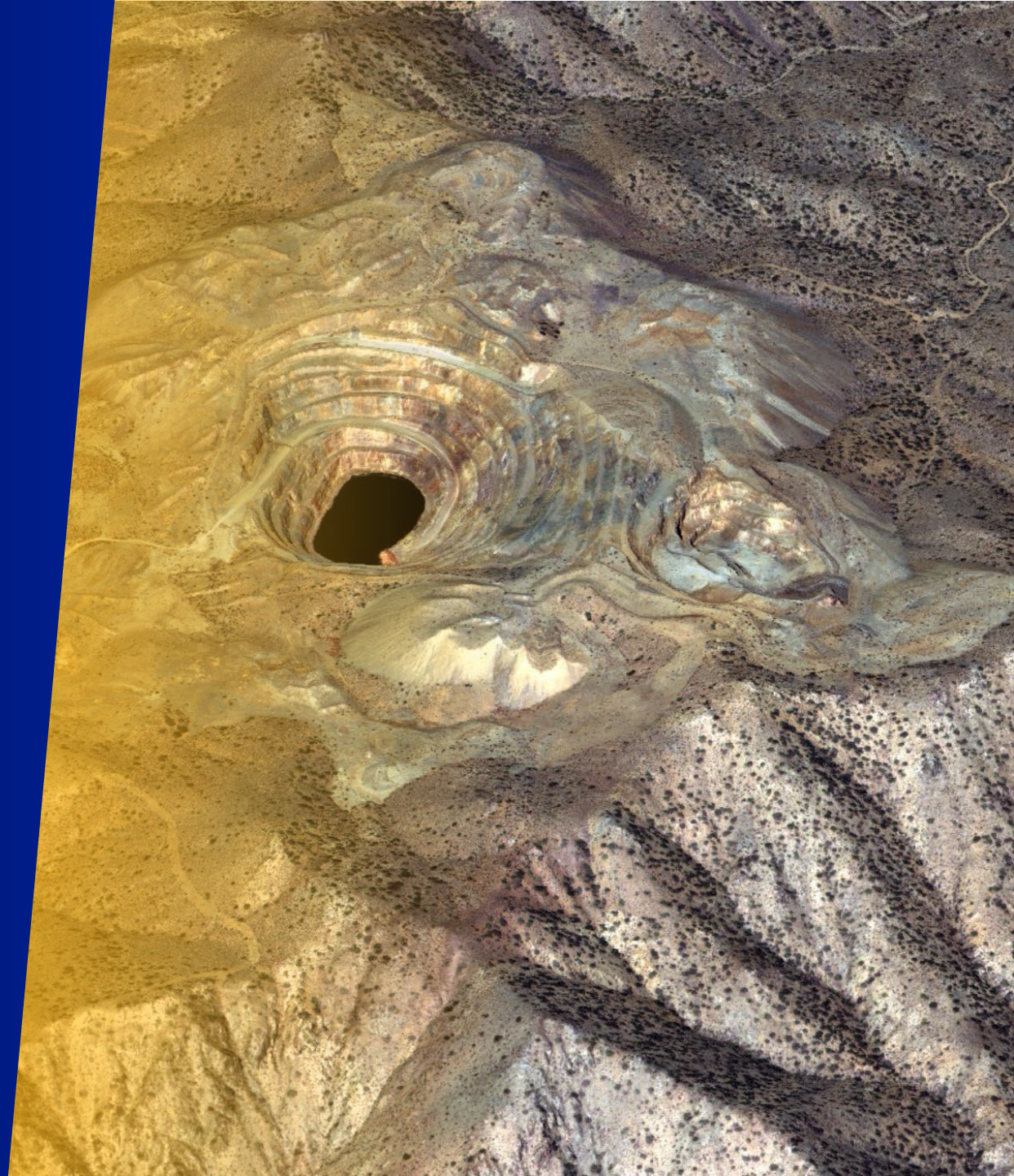
DATELINE RESOURCES

US FOCUSED GOLD AND RARE EARTHS

Corporate Presentation

July 2024

ASX: **DTR**



Disclaimer

DATELINE RESOURCES

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Any information in this presentation relating to exploration targets should not be misunderstood or misconstrued as an estimate of Mineral Resources or Ore Reserves. Hence the terms Mineral Resource(s) or Ore Reserve(s) have not been used in this context (or at all). Furthermore, any reference to potential target size, quantity and/or grade is conceptual in nature, since there has been insufficient work completed to define them beyond exploration targets and in any event, it is uncertain if further exploration will result in the determination of a mineral resource.

The information in this report relating to Exploration Results or Exploration Targets is based on information compiled by Mr Gregory Hall who is a Fellow of the Australasian Institute of Mining and Metallurgy and has sufficient exploration experience which is relevant to the various styles of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Hall is a Director of Dateline Resources Limited. Mr Hall consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results has been prepared by Barbara Carroll, CPG, Principal of GeoGRAFX Consulting, LLC. who is an independent Competent Person within the meaning of the JORC (2012) code. Ms. Carroll is a Certified Professional Geologist with the American Institute of Professional Geologists and a Registered Member of SME. Ms. Carroll has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which she is undertaking to quality as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves" (JORC Code) and consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.

The data in this report that relates to Mineral Resource estimates for the Colosseum gold deposit is based on information evaluated by Mr Simon Tear who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr Tear is a Director of H&S Consultants Pty Ltd and he consents to the inclusion in the report of the Mineral Resource in the form and context in which they appear.



Investment Highlights

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Over 1.1 million ounces of gold mineral resources

736koz (67%) in Measured & Indicated categories

Vertically plunging orebody open at depth

Approved Plan of Operation to restart mining

Invested Board & Management (34% stake)

Rare earth geology identical to Mountain Pass

Corporate Snapshot

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1.45B
Shares on Issue

~167M @ 3c

A$8.75M
Market Capitalisation

$0.006
Share Price (22/07/24)

Major Shareholders

Mark Johnson (Chair)	20.18%
Stephen Baghdadi (MD)	13.80%
Southern Cross Exploration	6.60%
National Nominees	5.53%
Other	54.00%
Total # of shareholders	1,229

Debt

A$3.5m Unsecured Director loans made in cash with average interest rate of 7.5%

A$0.58m Unsecured debt

Production royalties

2.5% NSR on all Colosseum production

Experienced Board

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Mark Johnson AO
Non-Executive Chairman

Mr Johnson has worked in banking and corporate finance for over forty years. He retired as Deputy Chairman of Macquarie Bank in mid-2007 and now divides his time between work in the private and public sectors.

Mr Johnson is a senior adviser to Gresham Partners, Chairman of Alinta Energy Ltd, and from 2002 to 2013, one of the three Australian members of the APEC Business Advisory Council (ABAC).



Stephen Baghdadi
Managing Director

Since 1993, Mr Baghdadi has acted as an executive director for numerous ASX-listed companies, including the Horizon group of companies, Afro-West, Alamain Investments, and Marino, and privately held controlling interests in manufacturing, software development and property concerns.

Mr Baghdadi has completed several transactions in Australia, South-East Asia, Europe and North America. He brings to the table the ability to identify an undervalued asset or opportunity that has the potential to yield high returns.



Tony Ferguson
Non-Executive Director

Mr Ferguson is an investor, entrepreneur and investment banker. Most of Mr Ferguson's career was with Macquarie Group, where he established and led the natural resources team advising on many major mining industry transactions. He established Macquarie's presence in Canada, headed Macquarie's Asian investment banking operations, and established and led the Asia Resources Fund.

Mr Ferguson's career included three years as Managing Director and Head of Investment Banking at Rothschild Australia and a Global Partner of Rothschild Investment Bank.



Greg Hall
Non-Executive Director

Mr Hall is an exploration geologist with over 40 years of international experience. From 1988-2005, he was employed by the Placer Dome group of companies, serving as Chief Geologist -World Wide.

Throughout his career, Mr Hall had a senior role in the discoveries of Gold Field's Granny Smith mine and Rio Tinto's Yandi iron ore mine.

In addition, he took part in the discoveries of Keringal and Wallaby in Australia's Eastern Goldfields, as well as the definition of AngloGold Ashanti's Sunrise gold mine.



Bill Lannen
Non-Executive Director

Mr Lannen's career commenced with Aberfoyle Ltd, where he worked in both technical and operating roles at Cleveland Tin, Ardlethan Tin and the Melbourne head office. His last project was to take the Hellyer base metal mine in Tasmania from feasibility to full production as the mine manager. In 1990, Bill started Mancala, a specialist mining contractor and mine engineering group, managing Mancala's operations for over 25 years.

Projects have included whole-of-mine contracts in open pit and underground and specialist contracts in the development and recovery of shafts.

Mining in California

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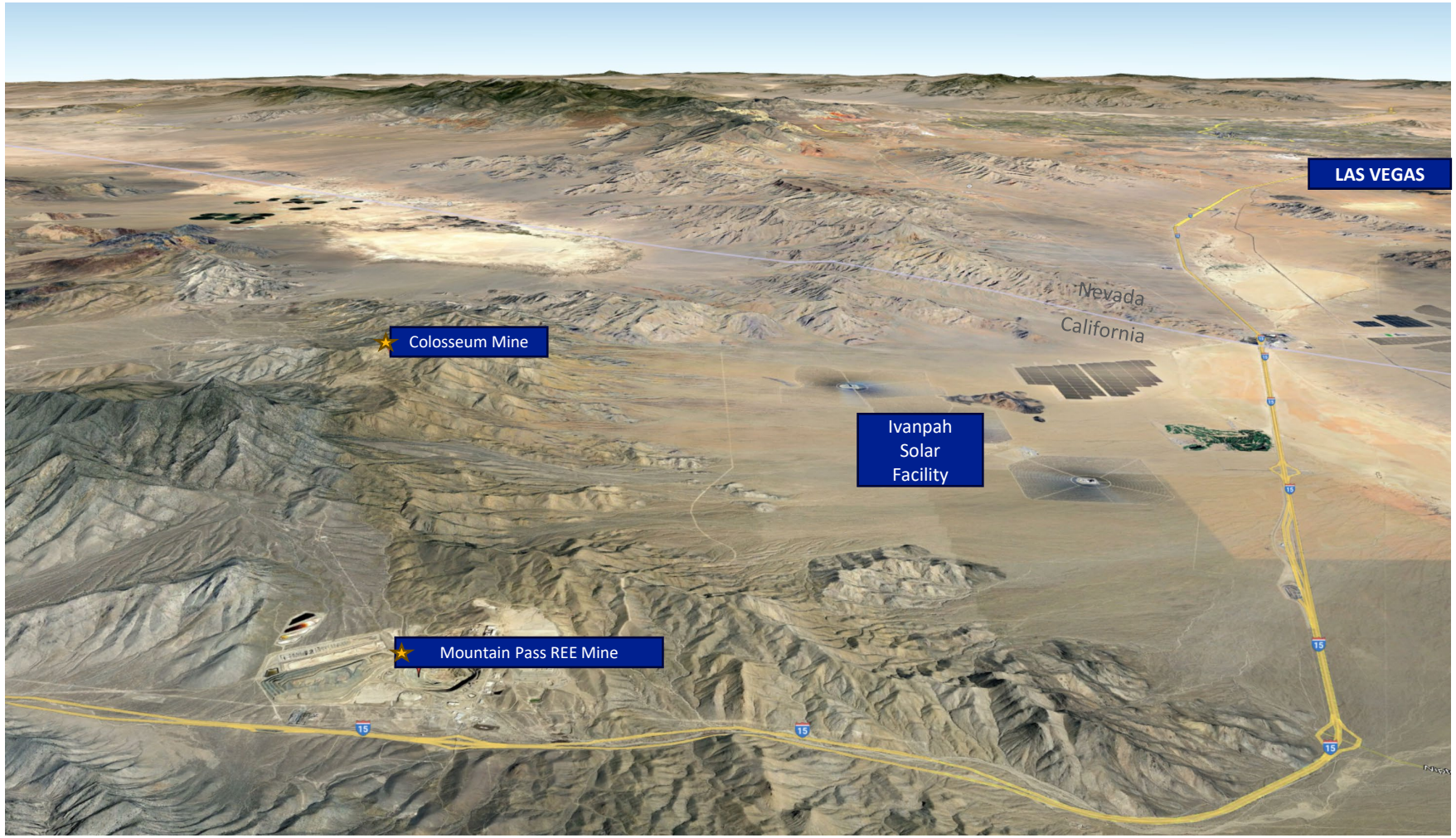
- Colosseum has an approved Plan of Operation for open pit mining and vested rights that enable underground mining
- California has eight active open pit gold mines
- Over 1,500 active open pit and stream sediment mines in California mostly in aggregate and construction materials



5. https://goldenqueenllc.com/operations/
6. https://www.equinoxgold.com/our-mines/mesquite-gold-mine/
7. https://www.equinoxgold.com/our-mines/castle-mountain-gold-mine/

Colosseum – Excellent local infrastructure

- Access to skilled labour in Las Vegas
- 10km drive from main highway
- Potential to use solar energy to reduce carbon footprint
- Three active gold mines within a 200km radius of Colosseum



Two Significant Growth Assets

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1. Colosseum Gold Mine, California (DTR 100%)

- **1,100,000oz @ 1.26 g/t Au** JORC compliant Mineral Resource Estimate.
- **Gold** is contained within **two breccia pipes**
- **736,000oz** (67%) are in **Measured** and **Indicated** categories
- Recent exploration results have added **1.6 million tonnes of ore with an average grade of 3.01g/t Gold**
- Drilling confirmed **mineralisation is open at depth.**

2. Colosseum Rare Earths, California (DTR 100%)

- Evidence of REE deposit like Mountain Pass (highest grade REE mine in the world).
- Colosseum mine located <10km from Mountain Pass, same geological setting.
- Work program planned to advance REE project that includes non-dilutive funding

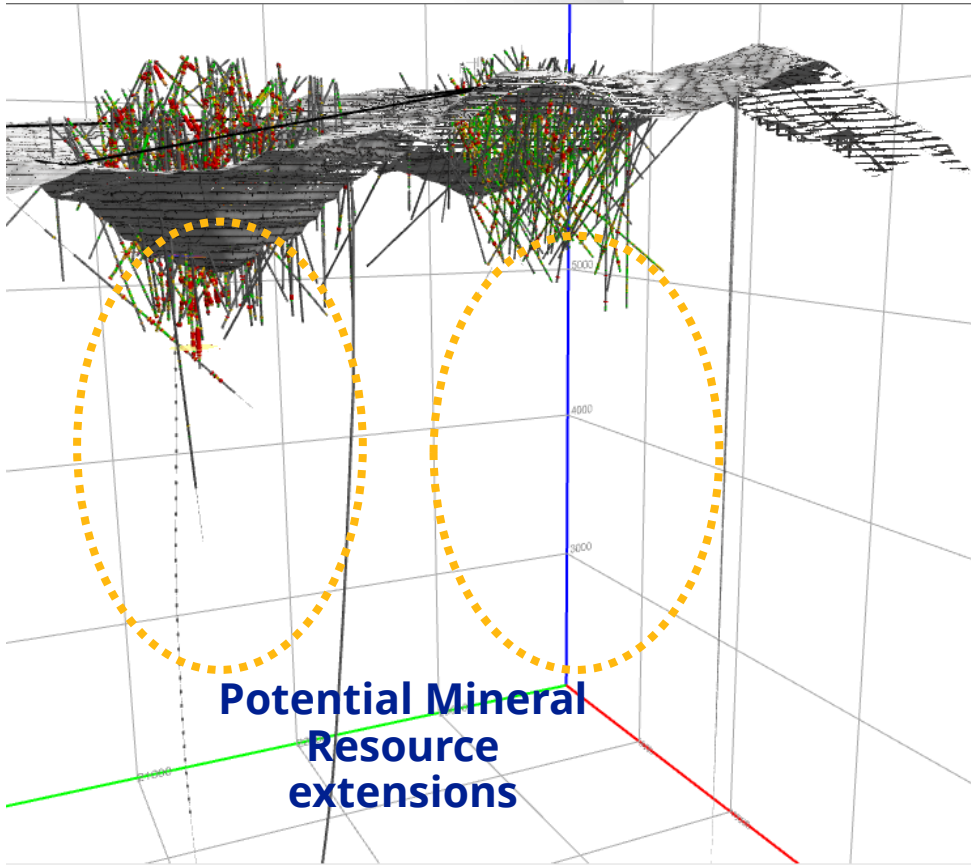


Colosseum Gold Mine

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Orebody Geology & Data

- Two breccia pipes that form a northeast-southwest elongate complex
- The pipes are ~250 metres by 125 metres in diameter. The South Pipe has been mined to 245m depth, whilst the North Pipe has been mined to 90m
- Historical diamond drilling confirms the breccia pipes continue to a depth of at least 1,000m vertical
- Drilling by Dateline Resources has returned intercepts including:
  - **104.7m @ 3.65g/t Au from 77.2m in CM24-16**
  - **19.8m @ 4.19g/t Au from 29.3m in CM24-15**
  - **70.1m @ 6.53g/t Au from 91m in CM23-14**
  - **76.2m @ 8.62 g/t Au from 91.15m in CM23-08**
  - **100.6m @ 4.16 g/t Au from 79.24m in CM22-05**
  - **81.35m @ 2.57 g/t Au from 81.01m in CM23-11a**
  - **10.67m @ 13.71 g/t Au from 18.29m in CM22-04**

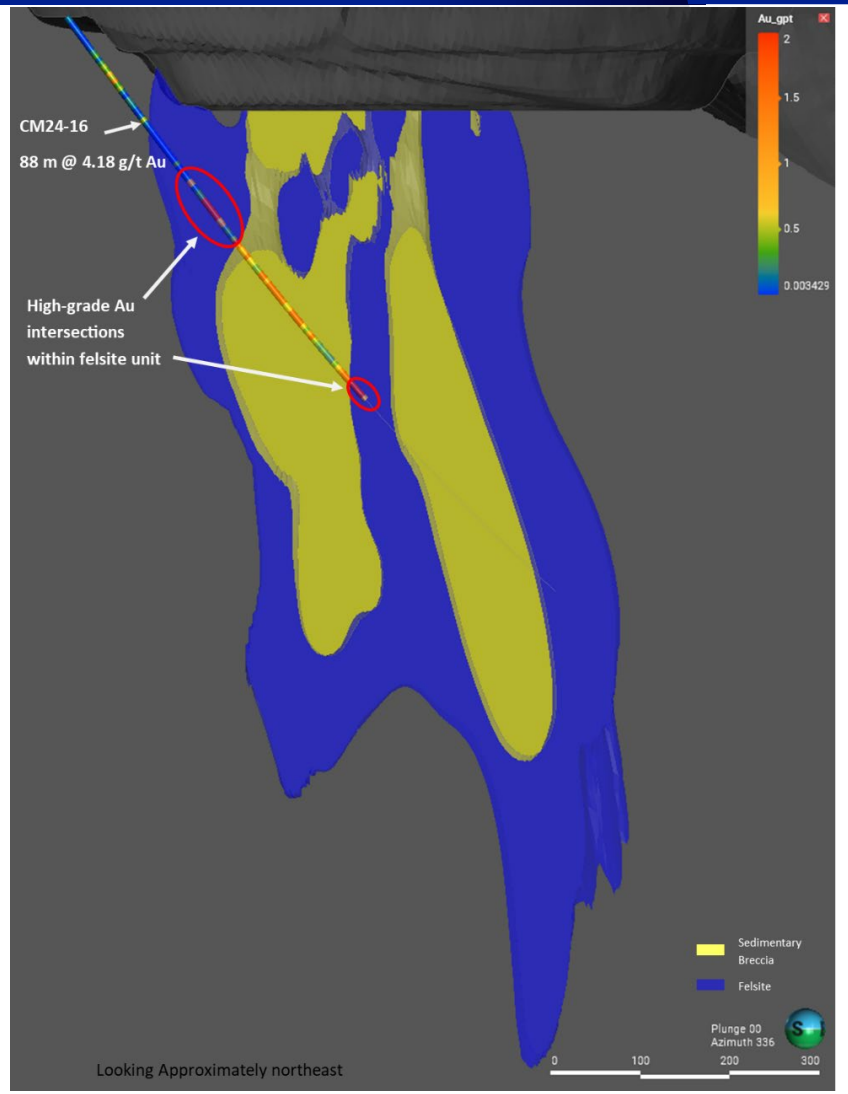


Colosseum Gold Mine

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Growth beyond a million ounces

- High grade zones (up to **100.6 metres of 4.16g/t Au**) drilled outside of previously defined gold resource shell.
- **Recent drill intercepts are significantly higher than the current MRE grade of 1.26 g/t Au (1.1Moz Au).**
  - CM24-16 **104.7m @ 3.65 g/t Au incl. 22.8m @ 8.17 g/t Au**
  - CM23-14 **70.1m @ 6.53 g/t Au incl. 25.9m @ 15.31 g/t Au**
  - CM23-08 **76.2m @ 8.62 g/t Au incl. 23.5m @ 21.8 g/t Au**
  - CM23-11a **81.35 @ 2.57 g/t Au incl. 36m @ 3.97 g/t Au**
- Drilling has successfully expanded the high-grade breccia. The high-grade mineralisation is encouraging sign for the potential economic value of underground mining.



Colosseum Mine has mining rights in place

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- DTR received approval from San Bernardino County, California, officially certifying pre-existing vested rights to access and extract mineral resources at Colosseum.
- Mineral resource development and related activities within the scope of the vested right do not require a mining County Use Permit.
- Recent high-grade gold intersections have all been made within the private property boundary, which is covered by the existing vested mining rights.

The vested rights to mine our Patented claims (Private property) is protected by the Constitution of the United States of America

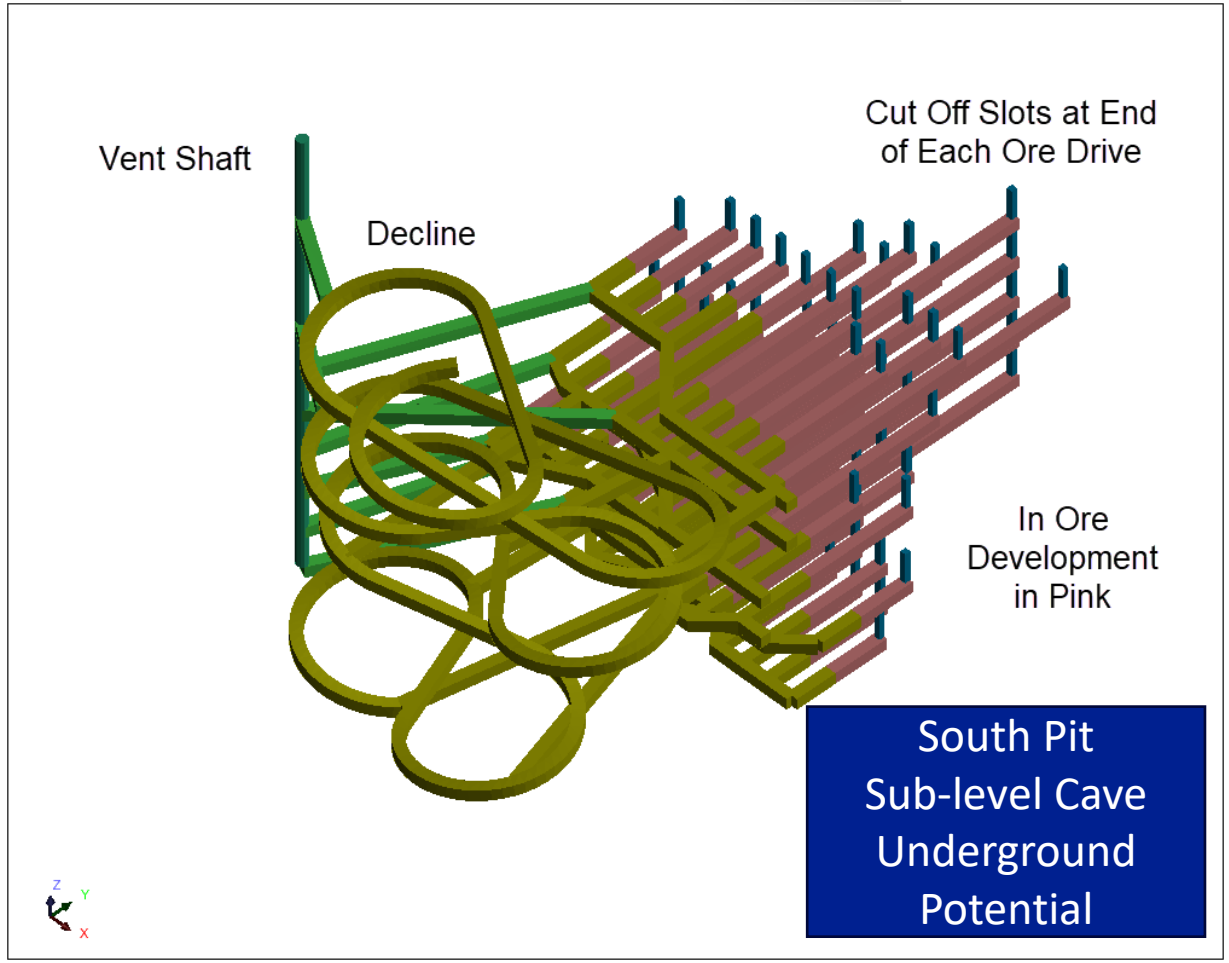
Our Valid and Existing rights that include an approved Plan of Operation enable us to mine the Unpatented claims (Federal ground)

Pathway to Production

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‘Early returns’ strategy for production

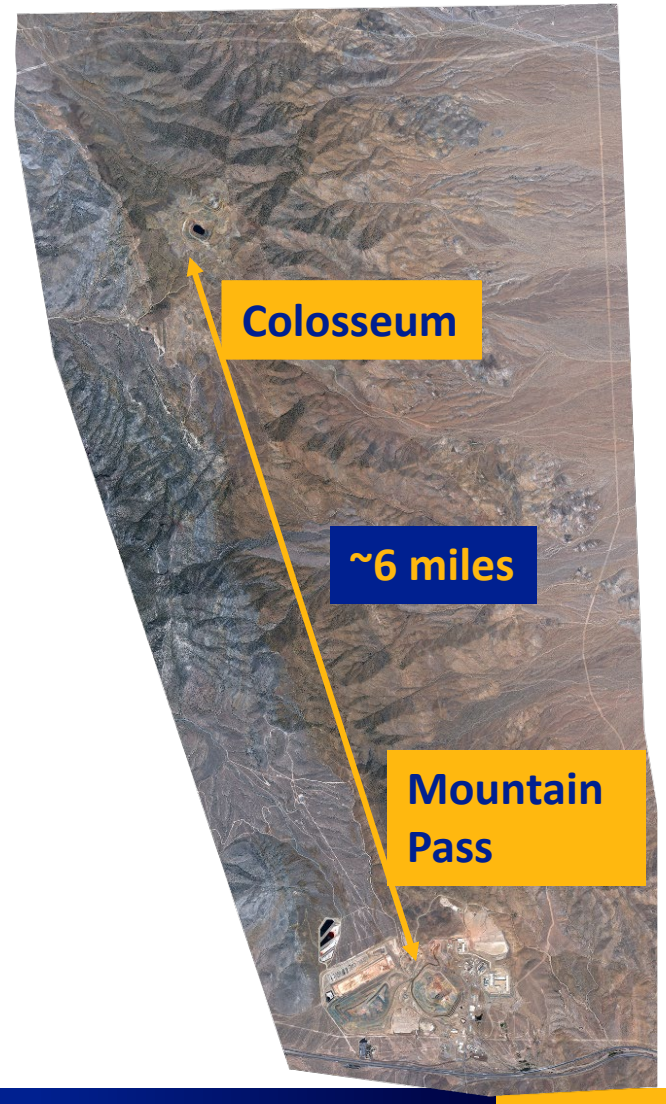
- **Increase Mineral Resource Estimate**
  - Targeting >1.5Moz Au
  - Define underground high-grade domain in South Pit
- **Mining Studies Phase**
  - Extract high-grade core at South Pit from underground
  - Expand proposed plant and incorporate medium grade from North Pit
  - Supplement ore with low-grade stockpiles
  - Analyse ore sorting feasibility of 30 million tonnes in waste dumps
  - Assess bulk low-cost bulk mining methods
- **Conceptual Development Plans**
  - Construct 1500tpd mill to process high grade underground ore (2+ years)
  - Expand mill capacity to 5000tpd and start open pit mining (6+ years)
  - If feasible, install ore sorters and process material from waste dumps (potential 5+ years)



Colosseum Rare Earths

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- The Colosseum Mine is located ~6 miles away from the Mountain Pass Rare Earth Mine
- Work to date indicates potential to discover high grade REE mineralisation
- Long term plan is to deliver high grade material to Mountain Pass for processing
- Mountain Pass carbonatite is located on the Clark mountain fault line
- Colosseum has identified a substantial exploration target located on the Clark mountain fault line
- Colosseum is situated 1000ft higher in elevation than Mountain Pass – Potential for buried carbonatite
- Opportunity to access US Government funding to advance project



Rare Earths in a known rare earth province

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Significant work on the rare earth potential of Colosseum

- ✓Radiometric survey -USGS
- ✓Mapping
- ✓Age dating -USGS
- ✓Thin sections / petrology
- ✓Gravity Survey

The studies by Dateline confirm a genetic link between Colosseum and Mountain Pass, with positive indicators for the discovery of a significant rare earths deposit

The USGS has confirmed that the zircons at the Colosseum are “indistinguishable” from the zircons at Mountain Pass

Next Steps - Value Generation

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Dateline aims to achieve the following milestones over the next 12 months:

- Additional drilling to grow the gold mineral resource
- Complete and publish mining studies for Colosseum, including low-capex staged development plan
- Progress Colosseum studies and financing through to a Decision to Mine
- Pursue a non-dilutive funding agreement for rare earths exploration and development



Why Invest in Dateline Resources?

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- Over 1.1 million ounces of high confidence gold resources defined, with identified upside potential at depth
- Approved Mining Rights and Plan of Operation allow for the restart of operations at Colosseum
- Identified rare earths genetically linked to Mountain Pass offers blue sky upside potential
- Experienced Board and management with significant ‘skin in the game’

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Contact Us

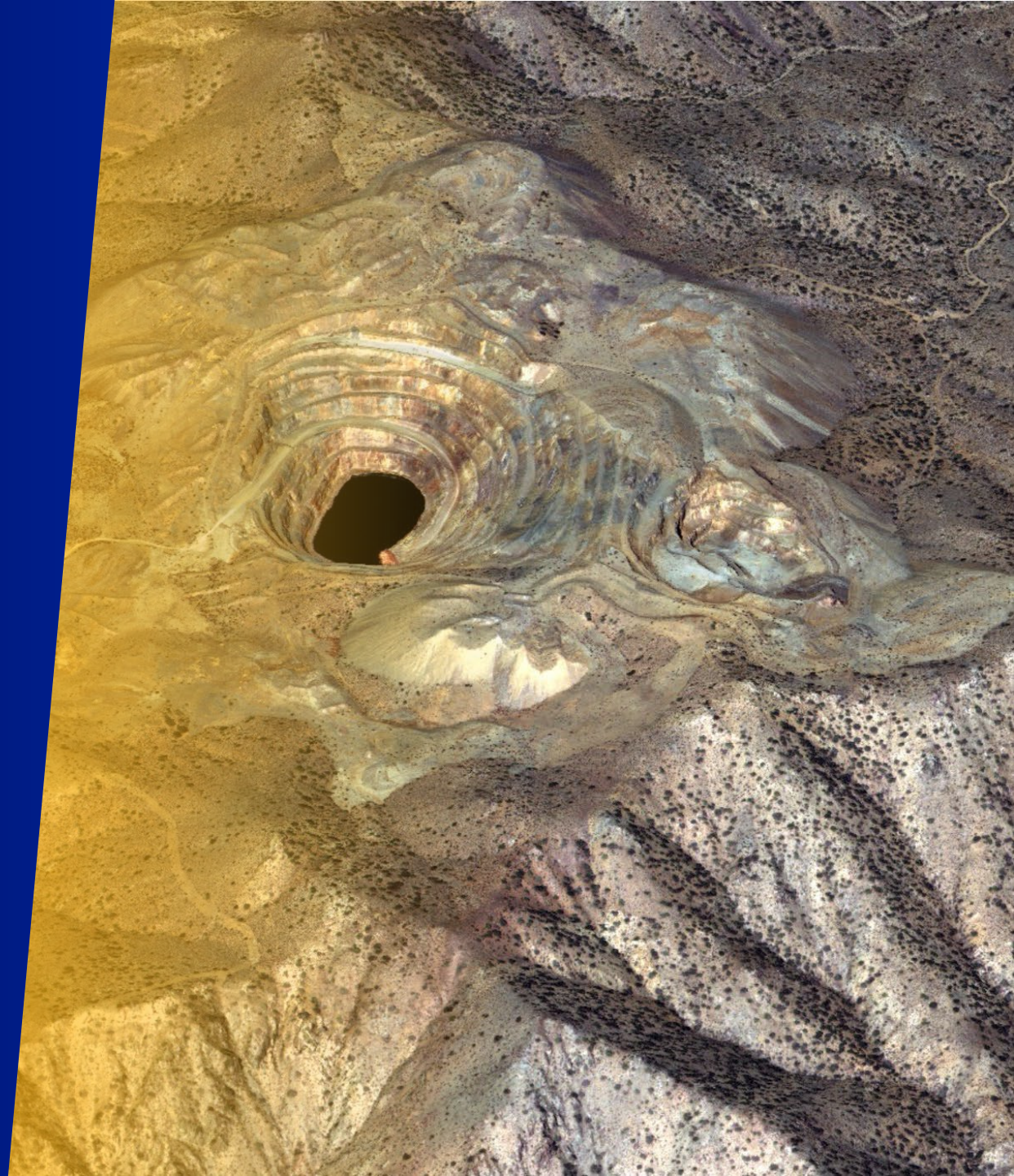
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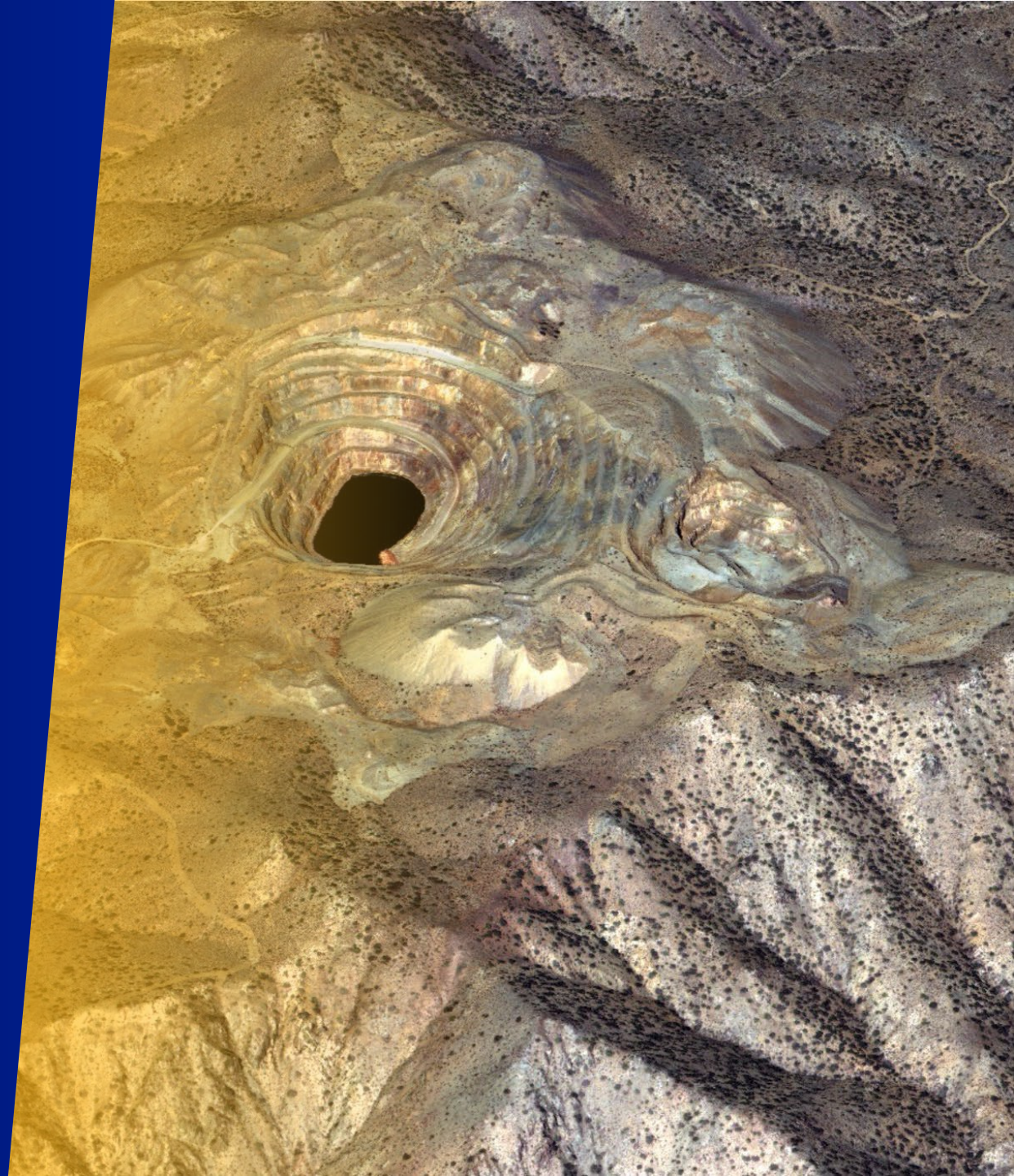
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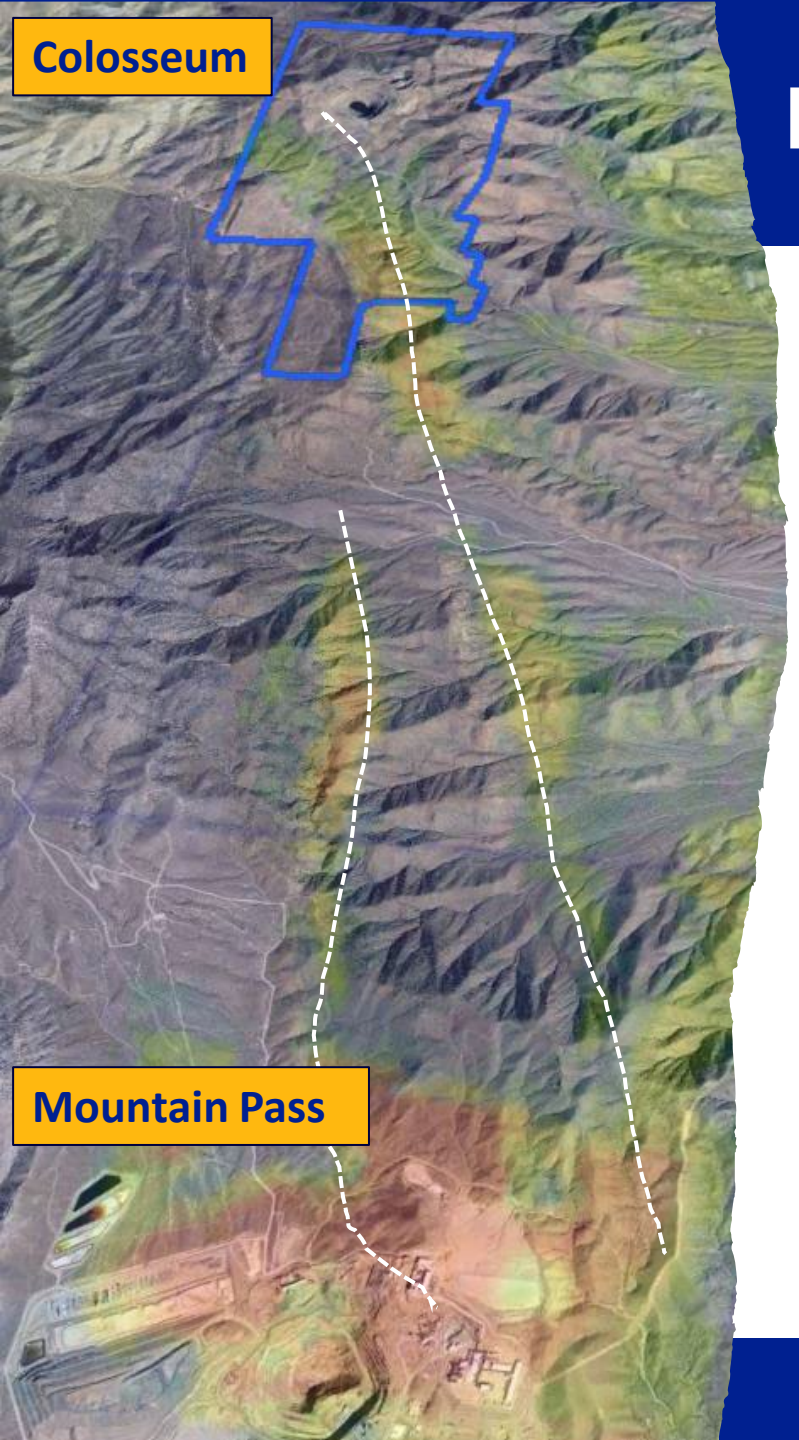
Appendices

ASX: **DTR**



Radiometrics along strike

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USGS – Airborne Thorium Radio Metric signature from Mountain Pass to Colosseum

Mountain Pass mine is located at approximately 5,000ft above sea level and has been disturbed since the 1960s. The Rare Earth baring structure was discovered at surface

Colosseum is 1,000ft higher is elevation than Mountain Pass.

The structures identified in the geophysics work has not outcropped at 6,000ft above sea level

Radiometric readings only extend approximately 2 inches below the surface

Extra ground disturbance at Mountain pass means greater exposure of thorium which in turn provides for a stronger signal

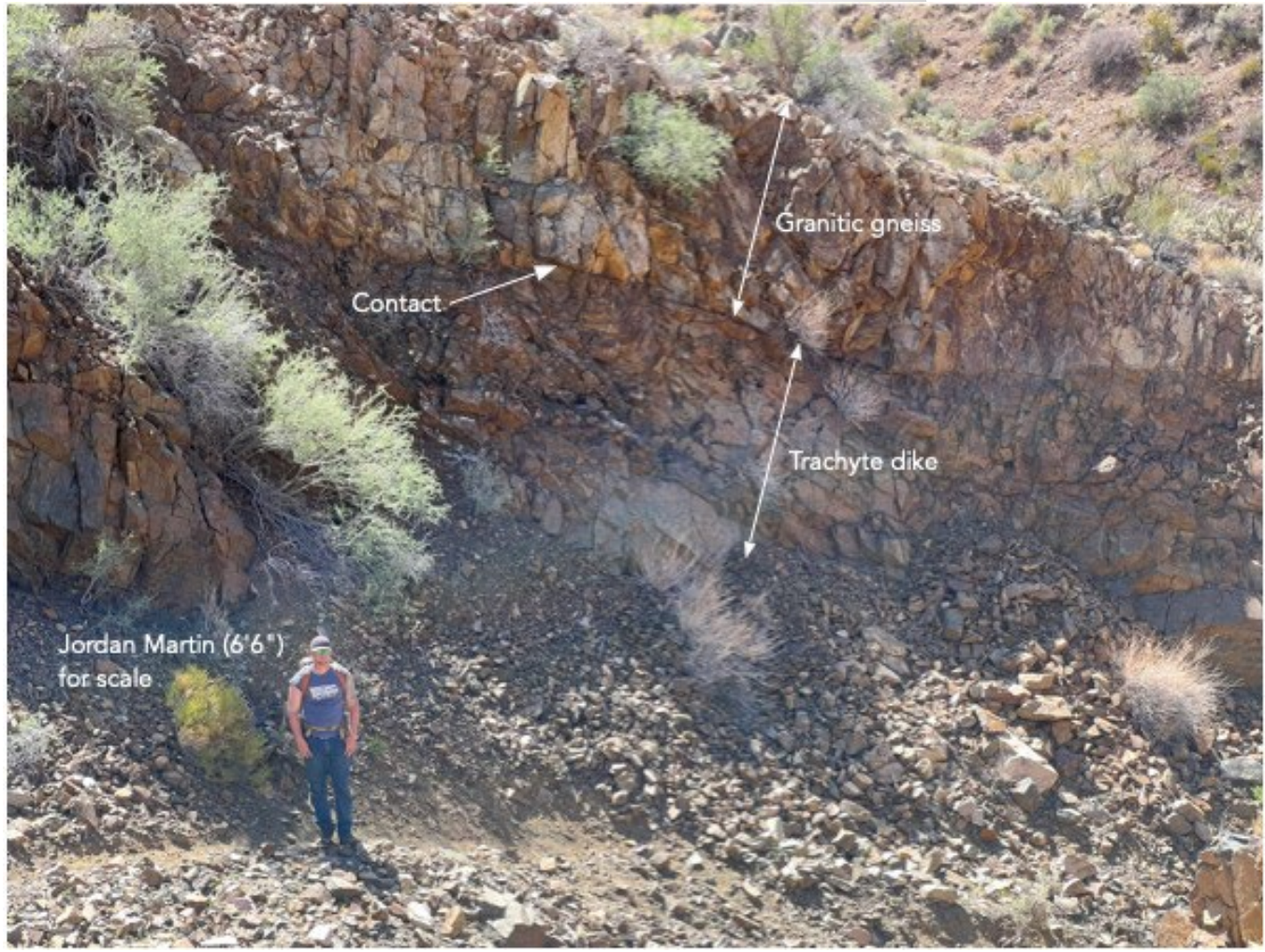
The presence of a thorium signature that runs parallel to a known fault line and on trend from the Mountain Pass ore body is encouraging information when looking for rare earths

Colosseum Rare Earths

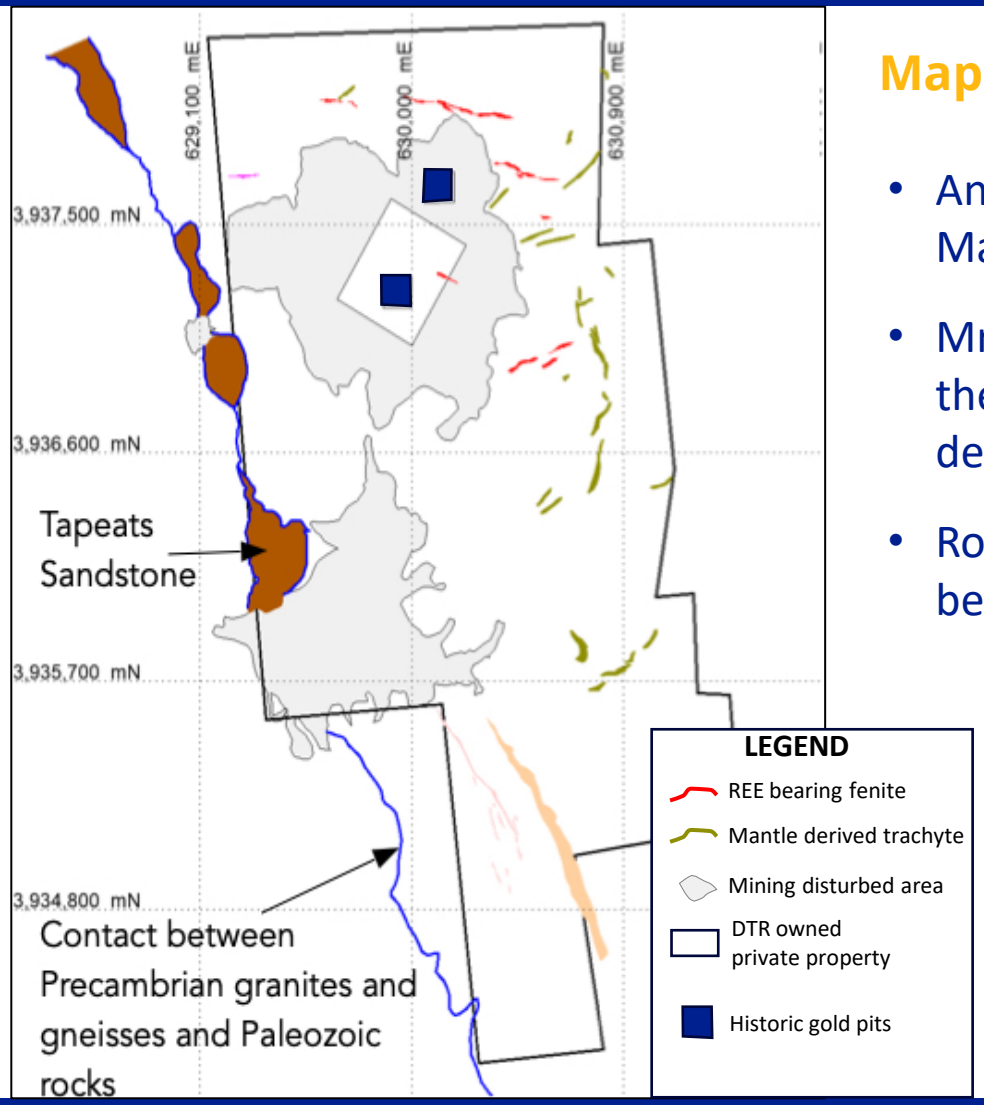
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Genetically linked to Mountain Pass

- Fenites and trachytes, both rock types lithologically associated with carbonatite complexes have been mapped at Colosseum.
- Dateline's REE experts have significant experience at the nearby Mountain Pass REE mine and believe the geology is a genetic link to the geology at Mountain Pass.
- Petrographic and cathodoluminescence analysis reinforces the link between Colosseum and Mountain Pass.



Geology is a genetic match to Mountain Pass



Mapping by international REE expert, Tony Mariano

- An extensive surface mapping program was completed by Tony Mariano, a geologist that specialises in Rare Earths Minerals.
- Mr. Mariano was accompanied by a structural geologist to identify the orientation of the rare earth baring outcrops and mantle derived rocks.
- Rock Chip samples were collected to determine the similarities between Mountain Pass and the Colosseum.

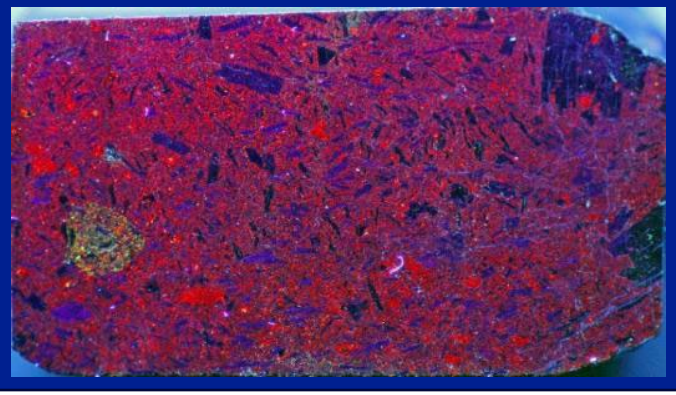
Comparison of Colosseum and Mountain Pass Fenite

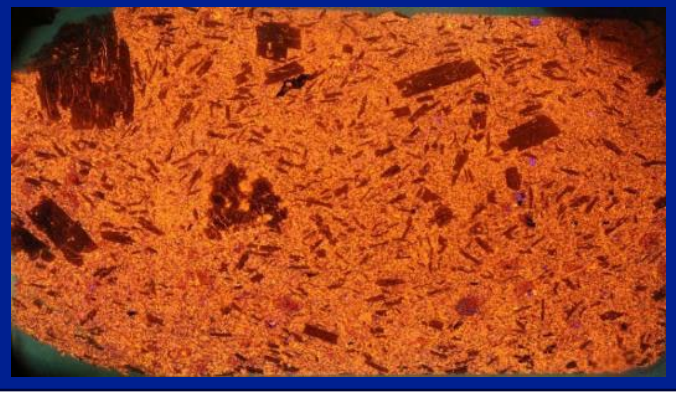
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Fenites can vary in mineralogy and texture depending on several factors such as the type of host rock that was invaded by the fenitizing fluids. One particular fenite sample collected from the Colosseum property (images on in first row) shows a striking petrographic similarity to a fenite sample collected approximately 6,000 feet to the south of the Mountain Pass pit (images in second row). Macrographs of these two rocks are shown in the figures below. Horizontal dimensions of the samples are 46mm.

Colosseum

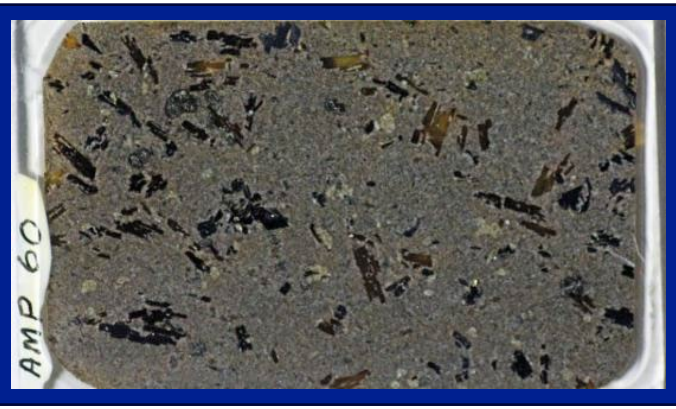


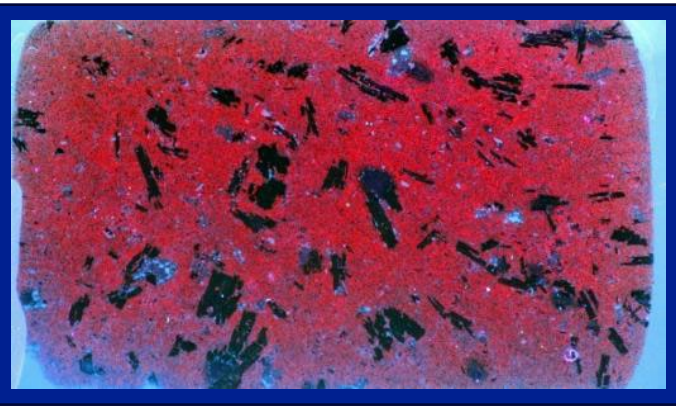


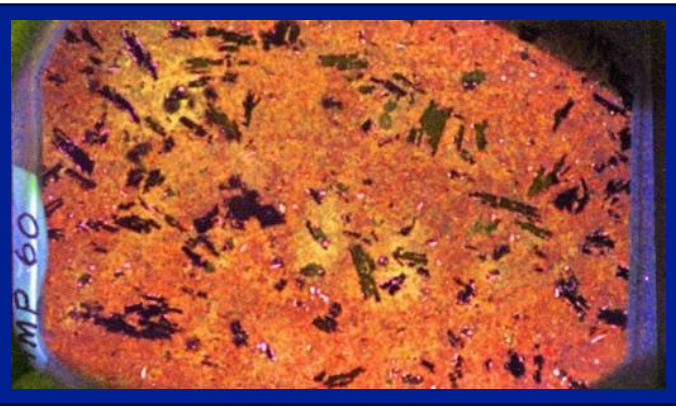


Colosseum

Mountain Pass







Mountain Pass

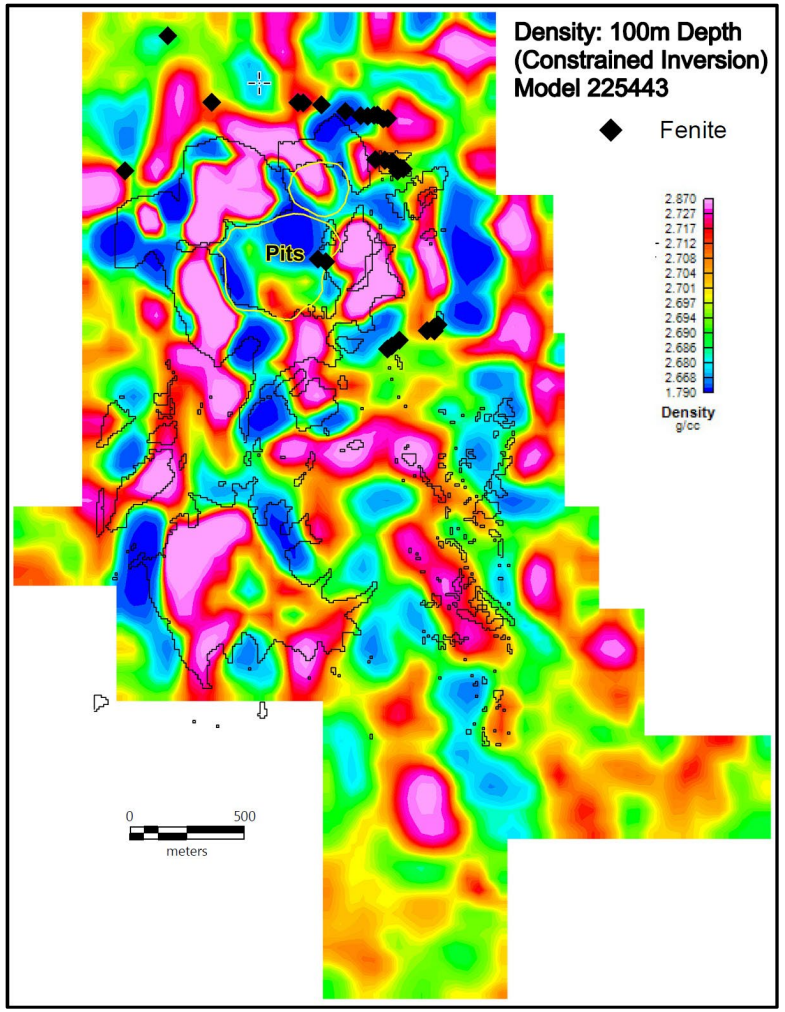
Macrographs of fenite rock samples from Colosseum (Top) and Mountain Pass (bottom) showing similar mineralogy and texture.

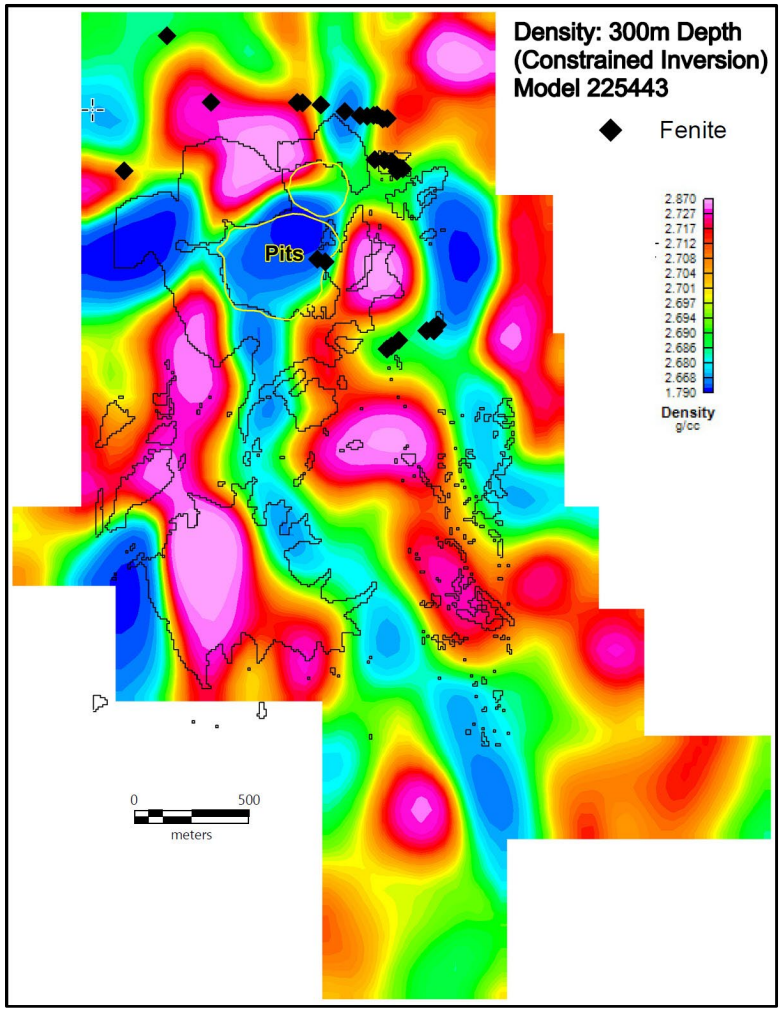
The same rock samples were analysed using shortwave ultraviolet light illustrating the similarity of texture and mineralogy.

The same rock samples were analysed using shortwave ultraviolet light illustrating the similarity of texture and mineralogy.

Gravity indicates potential for multiple carbonatite dykes

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- The surrounding country rock has a density of between 2.6-2.65g/cc
- The gravity anomaly has a density of 2.87g/cc
- The dense units has been identified over **2.5km of strike and at varying widths of between 75m and 500m.**
- The gravity data confirms there are several areas of interest and there exists the potential for more than one carbonatite dyke within the claim boundary.
- The target dyke is expected to have an average width of between 30-50metres and have a density of 3.6g/cc
- The potential carbonatite volume could exceed 50million tonnes