

Peninsula Energy Limited
Specialty Minerals and Metals

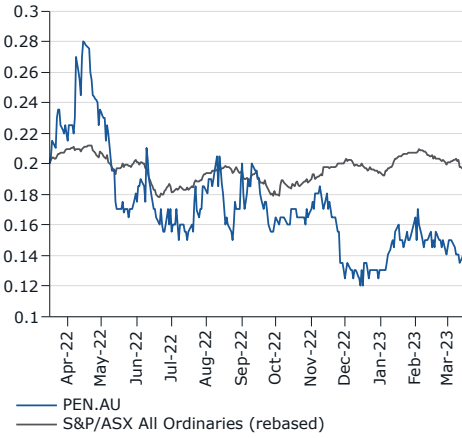
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| | |
|--|--|
| Rating SPECULATIVE BUY <i>unchanged</i> | Price Target A\$0.36 <i>unchanged</i> |
| PEN-ASX | Price A\$0.16 |

Market Data

| | |
|---------------------------|-------------|
| 52-Week Range (A\$) : | 0.13 - 0.28 |
| Avg Daily Vol (000s) : | 2,716 |
| Avg Daily Vol (M) : | 6.3 |
| Market Cap (A\$M) : | 176.0 |
| Shares Out. (M) : | 1,257.1 |
| Dividend /Shr (US\$) : | 0.00 |
| Dividend Yield (%) : | 0.0 |
| Enterprise Value (A\$M) : | 122 |
| NAV /Shr : | 0.36 |

| FYE Jun | 2022A | 2023E | 2024E | 2025E |
|----------------|-------|-------|-------|-------|
| Sales (US\$M) | 18.3 | 6.0 | 25.0 | 56.2 |
| EBITDA (US\$M) | (5.8) | (2.2) | 11.5 | 30.5 |



Source: FactSet

Priced as of close of business 15 March 2023

Peninsula Energy Limited is a uranium focused development company which is seeking to restart the Lance Uranium Projects in the Powder River Basin in Wyoming, US.

Lance site visit: primed for production, as Russian sanctions loom

We recently visited PEN's flagship Lance re-start project, which is on track for first uranium production by mid-year and first sales in the DecQ. With cranes on site lifting key vessels into place, drilling of the first mine unit complete and pre-acidification underway, the team is extremely busy but tracking to schedule and budget.

We retain our SPEC BUY rating and \$0.36ps price target. With the likelihood of US sanctions on Russia increasing and a clear desire to stimulate domestic uranium production, PEN is a highly attractive play, in our view.

Bipartisan ban on Russian uranium takes another step forward...

The House Energy and Commerce subcommittee has approved the "[Prohibiting Russian Uranium Imports Act](#)", which is a companion bill to a bipartisan bill being passed concurrently through the Senate ([S.763](#)). Once passed, these bills would prohibit imports of low-enriched uranium from Russia or any Russian entity beginning 90 days after enactment. The legislation would also grant a waiver to the secretary of the Energy Department to allow reduced amounts of uranium from Russia through 2027 if necessary to sustain nuclear reactors in the US.

While the date for when the legislation will reach the floor remains to be determined, the political direction is clear and feedback from our Global M&M conference and the WNFC conference all point to increasing levels of self-sanctioning regardless.

...while domestic US production takes another leg down

The most recent US domestic uranium production report by the DoE is a tough read for the world's largest uranium consumer. U₃O₈ production in MarQ'23 totaled a tiny 2,511 pounds. This is 75% lower than MarQ'22 production and a drop of 99% from DecQ'22. If the US wants to improve energy security it needs Lance Stage 2+++ , and this will require the right pricing signals. The IRA has provided some incentives, as has the strategic reserve but more is required, and we believe Lance will be a key beneficiary of any proposed measures.

Building and high-grading the resource base

PEN has drilled over 2,000 contemporary wells in Lance in addition to the ~4,700 NuBeth drilled prior. This drilling has enabled the company to clearly identify the redox boundaries in the Ross and Kendrick areas, not only increasing resource estimates to 21.8Mlb, but also resulting in a large migration from "inferred" to "measured and indicated".

While the company is rightly preserving capital for the Stage Development, which should lift production from 0.8Mtpa to 2.0Mtpa, we believe that additional drilling at Barber could significantly increase the 31.9Mlb resource estimate. As evident in Figure 9, if the potential of Barber gets even close to matching Kendrick and Lamar, PEN could easily exceed a 100Mlb resource.

Production outlook, expect nameplate in early CY24

Like any ISR, the production ramp-up will take time, and we do not expect production to hit nameplate until the new mine units (which had not been previously exposed to alkaline leach) are in production. See Figure 10 for our forecasts.

Budget and cash position

PEN has indicated that the overall capital expenditures for the project transformation are closely tracking with the August 2022 DFS projection and no material deviation is anticipated. The DFS projected CAPEX of US\$8.4mn for the low pH transition and Stage-1 upfront costs. PEN had US\$26mn in cash at the end of the MarQ.

Figure 1: Financial summary

| FY Jun 30 | 2021 | 2022 | 2023E | 2024E | 2025E | | 2021 | 2022 | 2023E | 2024E | 2025E |
|----------------------------------|--------------|-------------|--------------|--------------|--------------|-----------------------------------|---------------|------------|------------|--------------|--------------|
| PROFIT & LOSS (US\$m) | | | | | | | | | | | |
| Revenue | 9.8 | 18.3 | 6.0 | 25.0 | 56.2 | KEY ASSUMPTIONS | | | | | |
| Operational Costs | 0.0 | 0.0 | 0.0 | -7.3 | -16.6 | Spot U3O8 (US\$/lb) | 32.3 | 52.3 | 63.8 | 73.8 | 75.4 |
| Royalty | 0.0 | 0.0 | 0.0 | -2.5 | -5.7 | A\$/US\$ | 0.70 | 0.73 | 0.73 | 0.73 | 0.73 |
| Other COGS | -8.5 | -15.2 | -4.5 | 0.0 | 0.0 | REALISED PRICES | | | | | |
| Other Income | 0.7 | 0.6 | 0.0 | 0.0 | 0.0 | U3O8 (US\$/lb) | 0.0 | 0.0 | 0.0 | 67.7 | 68.6 |
| Business Devt & Expl | 0.0 | 0.0 | -2.0 | -2.0 | -2.0 | PRODUCTION FORECASTS | | | | | |
| Corporate & Other | -2.8 | -9.5 | -1.7 | -1.6 | -1.5 | U3O8 (klbs) | 0.0 | 0.0 | 0.0 | 368.7 | 820.0 |
| EBITDA | -0.9 | -5.8 | -2.2 | 11.5 | 30.5 | Total (klbs) | 0.0 | 0.0 | 0.0 | 368.7 | 820.0 |
| DD&A | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | RESOURCES | | | | | |
| EBIT | -0.9 | -5.8 | -2.2 | 11.5 | 32.4 | Lance Measured (Mlbs) | 3.9 | | | | |
| Net Financing | 0.0 | 0.0 | 0.3 | -0.3 | -5.7 | Lance Indicated (Mlbs) | 11.9 | | | | |
| NPBT | -0.9 | -5.8 | -1.8 | 11.3 | 26.7 | Lance Inferred (Mlbs) | 38.1 | | | | |
| Tax | -0.6 | 1.3 | 0.5 | -3.4 | -8.0 | Total (Mlbs) | 53.9 | | | | |
| Reported NPAT | -1.6 | -4.5 | -1.3 | 7.9 | 18.7 | PER SHARE DATA | | | | | |
| Non-Controlling Interest | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Average Shares (Diluted, M) | 803 | 954 | 1150 | 1242 | 1242 |
| Sig Items, Discon Ops & Mins | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | EOP Shares (Diluted, mn) | 996 | 997 | 1242 | 1242 | 1242 |
| Normalised NPAT | -1.6 | -4.5 | -1.3 | 7.9 | 18.7 | Normalised EPS (US¢/sh) | -0.2 | -0.5 | -0.1 | 0.6 | 1.5 |
| Effective income tax rate | -70% | 22% | 30% | 30% | 30% | CF PS (US¢/sh) | -2.2 | 0.2 | -0.1 | 0.3 | 1.7 |
| CASHFLOW (US\$m) | | | | | | FCF PS (US¢/sh) | -2.2 | 0.1 | -1.8 | -3.8 | -2.4 |
| Cash receipts | 3.4 | 32.6 | 6.0 | 25.0 | 56.2 | RATIOS | | | | | |
| Payments to suppliers | -11.5 | -20.8 | -8.2 | -13.4 | -25.8 | Dividend Yield | 0% | 0% | 0% | 0% | 0% |
| Interest received | 0.1 | 0.0 | 0.3 | 0.1 | -1.0 | PE | n/a | n/a | n/a | 25.2 | 10.6 |
| Interest paid | -0.1 | 0.0 | 0.3 | -0.3 | -5.7 | PCF (Debt Adj) | n/a | 74.6 | n/a | 56.4 | 8.1 |
| Other | -9.2 | -9.8 | 0.0 | -8.0 | -3.2 | EV / EBITDA | n/a | n/a | n/a | 21 | 9 |
| Operating Cashflow | -17.3 | 2.0 | -1.5 | 3.3 | 20.5 | Gearing (ND / ND + E) | n/a | n/a | n/a | 32% | 38% |
| Payments for PP&E | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Net Debt / EBITDA | n/a | n/a | n/a | n/a | n/a |
| Payments for Development | -0.2 | -1.0 | -19.1 | -50.3 | -50.4 | Interest Cover | -25.1x | -1945x | 0.0x | 40.8x | 5.7x |
| Payments for Exploration | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | ROE (Reported Profit / Av Equity) | n/a | n/a | n/a | 10% | 19% |
| Asset Sales / (Purchases) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | ROIC | n/a | n/a | n/a | 6% | 11% |
| Other | 0.0 | 0.0 | 0.2 | 0.2 | 0.2 | ROACE | n/a | n/a | n/a | 7% | 11% |
| Investing Cashflow | -0.2 | -1.0 | -18.9 | -50.1 | -50.1 | FCF Yield | -14% | 1% | -11% | -24% | -15% |
| Share Issuance / (Buyback) | 11.8 | 0.0 | 20.8 | 0.0 | 0.0 | DIVIDEND AND FRANKING | | | | | |
| Drawdown / (Repayment) of Debt | 0.5 | 0.0 | 0.0 | 46.8 | 29.6 | Dividend (US¢/sh) | 0 | 0 | 0 | 0 | 0 |
| Dividends | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | Payout ratio | 0% | 0% | 0% | 0% | 0% |
| Other | -0.5 | -0.1 | 0.0 | 0.0 | 0.0 | Franking Balance (US\$m) | 0 | 0 | 0 | 0 | 0 |
| Financing Cashflow | 11.9 | -0.1 | 20.8 | 46.8 | 29.6 | VALUATION (A\$) | Risked | | | | |
| Surplus / Defecit | -5.6 | 0.9 | 0.4 | 0.0 | 0.0 | PRODUCTION ASSETS | 0.01 | | | | |
| BALANCE SHEET (US\$m) | | | | | | DEVELOPMENT ASSETS | 0.21 | | | | |
| Current Assets | 25.5 | 29.6 | 9.3 | 17.3 | 20.5 | RESOURCES | 0.07 | | | | |
| Non-Current Assets | 75.9 | 58.6 | 77.7 | 128.0 | 180.3 | EXPLORATION | 0.01 | | | | |
| Total Assets | 101.3 | 88.2 | 87.0 | 145.3 | 200.8 | EV adjustments | 0.06 | | | | |
| Current Liabilities | 8.8 | 1.5 | 1.5 | 3.9 | 5.3 | TOTAL | 0.36 | | | | |
| Non-Current Liabilities | 14.9 | 13.2 | 13.2 | 57.6 | 85.8 | PREMIUM/(DISCOUNT) | 0.0 | | | | |
| Total Liabilities | 23.7 | 14.7 | 14.7 | 61.5 | 91.1 | PRICE TARGET | 0.36 | | | | |
| Net Assets | 77.7 | 73.4 | 72.3 | 83.8 | 109.6 | | | | | | |
| Total Cash | 6.7 | 7.6 | 8.0 | 8.0 | 8.0 | | | | | | |
| Total Debt | 0.0 | 0.0 | 0.0 | 46.8 | 76.4 | | | | | | |
| Net Debt | -6.7 | -7.6 | -8.0 | 38.8 | 68.4 | | | | | | |

Source: Company Reports, Canaccord Genuity estimates

Figure 2: Drilling operation underway in mine unit 2...



Source: Company Reports, Canaccord Genuity estimates

Figure 3: ...while mine unit 1 is being pre-acidified



Source: Company Reports, Canaccord Genuity estimates

Figure 4: Little additional work is required to the ion exchange process...



Source: Company Reports, Canaccord Genuity estimates

Figure 5: ...and the resin will be toll treated at UEC's Irigaray facility during stage 1



Source: Company Reports, Canaccord Genuity estimates

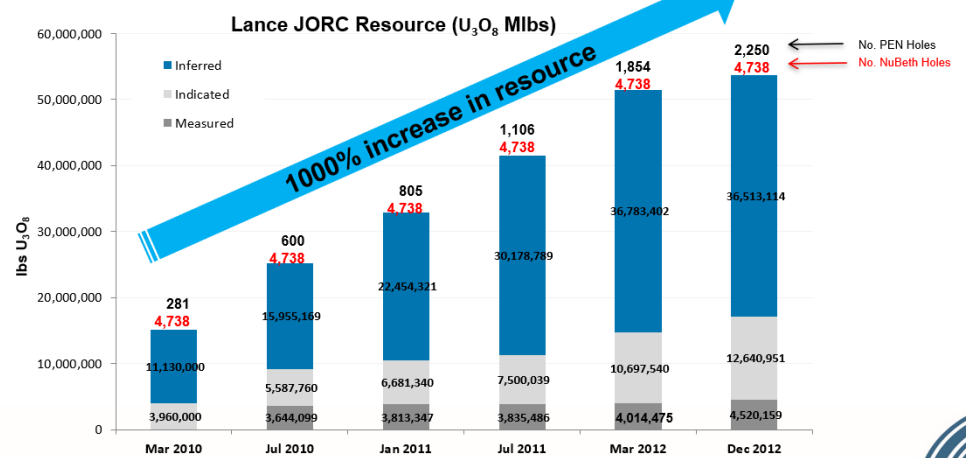
Upside beyond the DFS

During our site visit we met with a number of PEN's staff and spent a significant amount of time discussing the learnings from drilling at Kendrick and Lamar and what this could mean for the under-appraised and far larger Barber area. Post these meetings we remain convinced that our valuation of PEN, which is more bullish than the Lance DFS, remains appropriate.

As highlighted in Figure 6, when equity capital was available for uranium exploration, the Lance resource saw rapid expansion at a cost of ~US\$1/lb.

Figure 6: Lance resource growth was rapid when capital was available for exploration/appraisal drilling

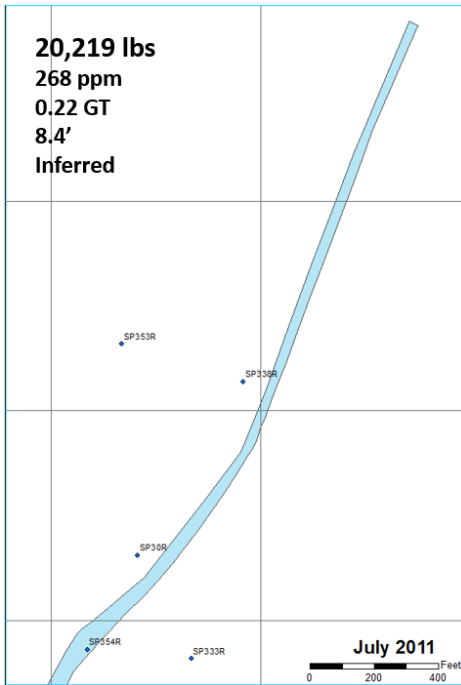
Resource growth from 5 Mlbs to 53 Mlbs U₃O₈ in 4 years
Modern delineation cost ~\$1/lb



Source: Company Reports

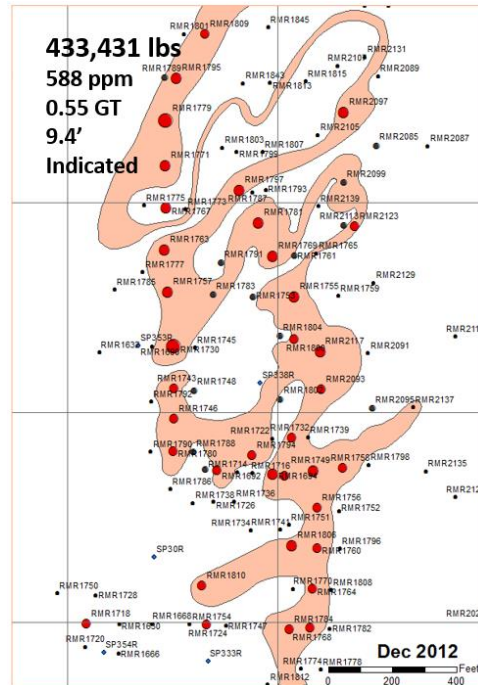
This was driven by a significant drilling campaign that successfully delineated and expanded the redox boundaries (roll fronts), primarily at Kendrick and Lamar (Figures 7 and 8 illustrate an example of this).

Figure 7: Initial resource estimate based on sparse drilling...



Source: Company Reports, Canaccord Genuity estimates

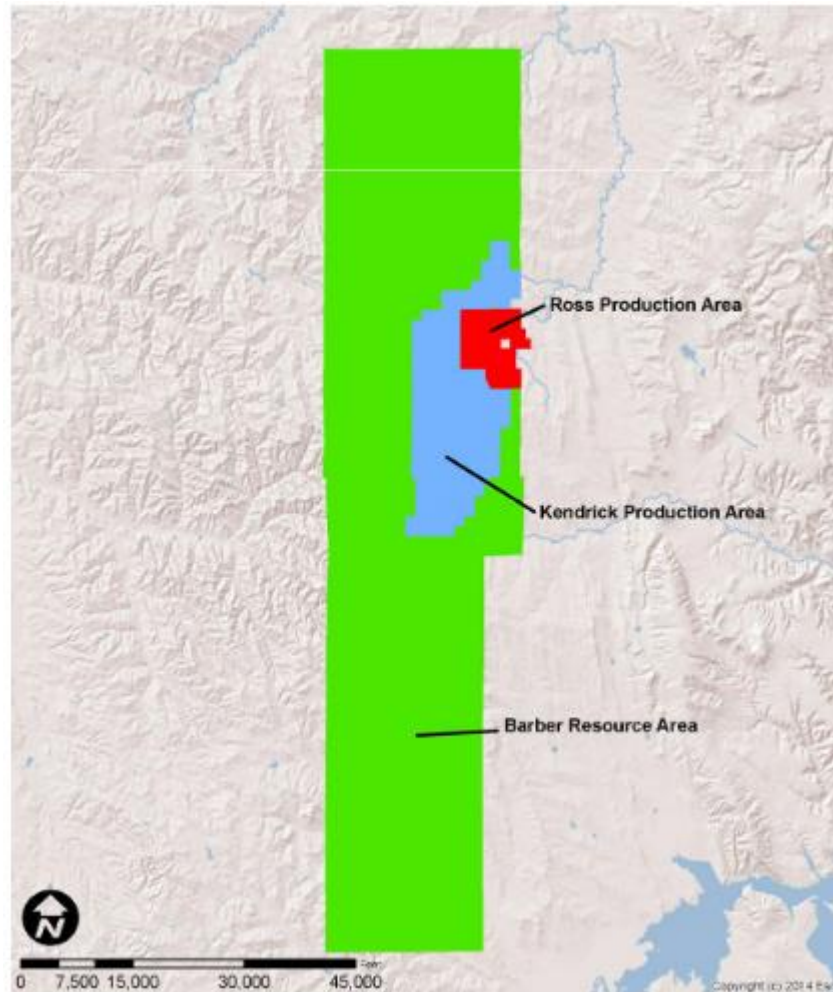
Figure 8: ...resource estimate post sustained drilling campaign to delineate roll front



Source: Company Reports, Canaccord Genuity estimates

Based on our discussions with PEN's team we believe that there is similar potential at Barber, which covers a far larger area (see Figure 9). This could be a highly material exploration target, in our opinion, and we believe that additional colour on size etc could be significant to the investment case.

Figure 9: The Lance Projects – Ross, Kendrick and Barber



Source: Company Reports, Canaccord Genuity estimates

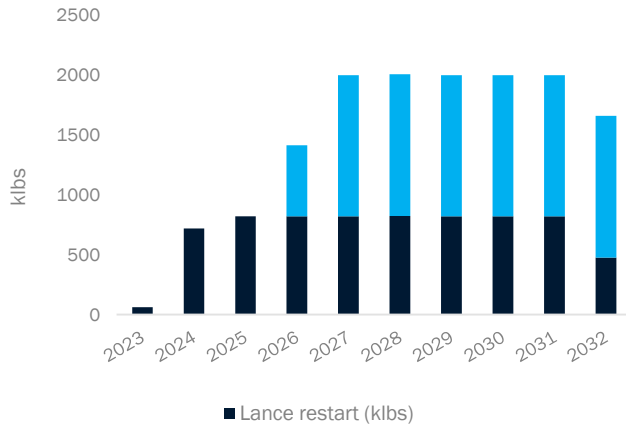
DFS outcomes and CG valuation

The 2022 DFS addressed only two Production Areas located within the Lance Projects area – Ross and Kendrick. The JORC compliant resources in Barber, which were included in the 2018 Feasibility Study, but are not included in the 2022 DFS, are predominantly inferred resources. By removing Barber from the resource pool for this DFS, the conservatism of the DFS has been dramatically increased, with only 42% of the resource base being in the inferred resource category.

The removal of Barber, which necessitated the removal of a “Stage 3” increase in production to 3.0Mlb, resulted in increased AISC to US\$39/lb (US\$32/lb prior).

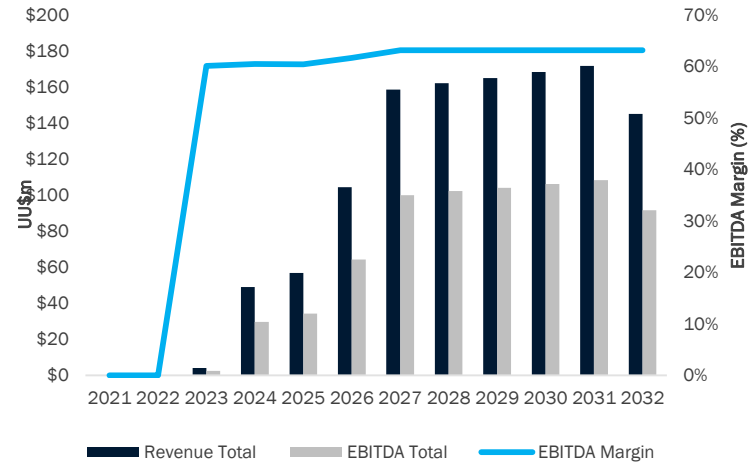
As highlighted in Figures 10 and 11, the Lance Uranium Project (LUP) has the capacity to generate project level of EBITDA of ~\$100mn/year when operating at 2.0Mlb. For our valuation work we have relied heavily on PEN’s DFS results but have allowed for modest resource to reserve conversion (we use 16.3Mlb) which extends the mine life to 13 years.

Figure 10: Production forecast (klb)



Source: Company Reports, Canaccord Genuity estimates

Figure 11: Revenue and EBITDA (US\$m)



Source: Company Reports, Canaccord Genuity estimates

Figure 12: Valuation build-up

| Asset | Equity % | Net Capacity klb | NPV A\$m | Risking % | Riskd NPV A\$m | Riskd NPV A\$ps |
|--|----------|------------------|--------------|-------------|----------------|-----------------|
| Existing contracts pre Lance start-up | | | 10.3 | 100% | 10.3 | 0.01 |
| PRODUCTION ASSETS | | 0.00 | 10.3 | 100% | 10.3 | 0.01 |
| Lance Stage 1 | 100% | Variable | 180.1 | 80% | 144.0 | 0.12 |
| Lance Stage 2 | 100% | Variable | 147.8 | 80% | 118.2 | 0.10 |
| DEVELOPMENT ASSETS | | | 327.9 | | 262.3 | 0.21 |
| Barber Resource | 100% | | 136.3 | 65% | 88.6 | 0.07 |
| RESOURCES | | | 136.3 | | 88.6 | 0.07 |
| Other exploration | | | | | 10.0 | 0.01 |
| EXPLORATION | | | | | 10.0 | 0.01 |
| Net Debt, Balance sheet adj. & corp. overhead | | | | | 76.1 | 0.06 |
| Premium / (Discount) | | | | | | 0.00 |
| Price Target | | | | | | 0.36 |

Source: Company Reports, Canaccord Genuity estimates

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Investment Recommendation

Date and time of first dissemination: May 21, 2023, 16:38 ET

Date and time of production: May 21, 2023, 16:38 ET

Target Price / Valuation Methodology:

Peninsula Energy Limited - PEN

Our target price is derived from a DCF-based sum-of-the-parts valuation, comprising our NPV8% of the staged Lance project, a nominal value for exploration, and net cash.

Risks to achieving Target Price / Valuation:

Peninsula Energy Limited - PEN

Financing risks: Our analysis suggests that PEN will require additional capital to fund the development costs for the Lance project for which we have risked our valuation. PEN is reliant on equity/debt/external capital to fund capital commitments, and there is no guarantee that accessing these markets will be achieved without dilution to shareholders.

Furthermore, accurate estimates of capital costs for the project remain subject to completion of pre-feasibility and feasibility studies, which may see capital requirements exceed our model assumptions. There is no guarantee that studies will result in a positive investment decision for the project.

Operational risks: Once in production, the company will be subject to risks such as plant/equipment breakdowns, metallurgical (noting flowsheet changes to address previous challenges), geological and other technical issues. An increase in operating costs could reduce the profitability and free cash generation from the operating assets and negatively impact valuation.

Further, the yellow cake product specifications may differ from initial test work interpretations which can also materially impact product acceptance by customers and therefore earnings from forecast production.

Implementation risks: We note the compressed development schedule will require concurrent plant commissioning of Stage 1 followed soon after by the installation of Stage 2 equipment and then Stage 3. This sequence presents a natural risk that delays in Stage 1 could impact Stage 2 and therefore Stage 3 which present downside risk to our cash flow projections.

Market risks: PEN's sales revenue is dependent on being able to secure term contracts for its proposed level of production and priced with the required mechanisms that will enable proactive capital and budgetary management. We note the protracted nature of negotiating uranium product offtake with the potential that timelines could be prolonged to ensure than an acceptable order book is agreed on.

Commodity price and currency fluctuation: The company as a near-term uranium producer is exposed to commodity price and currency fluctuations, often driven by macro-economic forces including inflationary pressure, interest rates and supply and demand of commodities. These factors are external and could reduce the profitability, costing and prospective outlook for the business.

Geological and resource risk: The actual characteristics of a mineral deposit may differ significantly from initial interpretations and expectations. PEN's plan incorporates Mineral Resources whose actual economics are yet to be determined. Grades and tonnages for Exploration Targets are conceptual in nature.

Distribution of Ratings:

Global Stock Ratings (as of 05/21/23)

| Rating | Coverage Universe | | IB Clients |
|-----------------|-------------------|--------|------------|
| | # | % | % |
| Buy | 605 | 64.84% | 22.31% |
| Hold | 138 | 14.79% | 10.87% |
| Sell | 16 | 1.71% | 0.00% |
| Speculative Buy | 160 | 17.15% | 46.88% |
| | 933* | 100.0% | |

*Total includes stocks that are Under Review

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BUY: The stock is expected to generate risk-adjusted returns of over 10% during the next 12 months.

HOLD: The stock is expected to generate risk-adjusted returns of 0-10% during the next 12 months.

SELL: The stock is expected to generate negative risk-adjusted returns during the next 12 months.

NOT RATED: Canaccord Genuity does not provide research coverage of the relevant issuer.

"Risk-adjusted return" refers to the expected return in relation to the amount of risk associated with the designated investment or the relevant issuer.

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An analyst has visited the material operations of Peninsula Energy Limited. No payment was received for the related travel costs.

Peninsula Energy Limited Rating History as of 05/19/2023



— Closing Price — Price Target

Buy (B); Speculative Buy (SB); Sell (S); Hold (H); Suspended (SU); Under Review (UR); Restricted (RE); Not Rated (NR)

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