



# Unique Potential to be the Largest Rock P<sub>2</sub>O<sub>5</sub> Resource in North America

## ORGANIC ADVANTAGE

Our rock phosphate contains no heavy metals and doesn't require beneficiation like other North American or Western Sahara sedimentary ores that produce MAP & DAP, both of which are rain-soluble and lead to algae blooms in lakes and oceans.

## SEDIMENTARY SIMPLICITY

Murdock Property production requires minimal Capex, akin to coal seam mining. Primarily using contractors and leases, with a grinding, bagging, and shipping facility by the rail line near Montello. Whereas we estimate the capex for PHOS & DAN at \$1.8 billion.

## EFFICIENT PRODUCTION

Our process is straightforward: "break it up, dig it up, grind it up, bag it up, and ship it out!" With the rail head just 6km down the mountain road to Montello, logistics are seamless.

## DIRECT APPLICATION

Our raw rock phosphate can be directly spread on farmers' fields and lasts for up to ten years, promoting long-term soil health and productivity.

## REGENERATIVE SOLUTION

Working harmoniously with natural soil bacteria, our product also aids in carbon capture, aligning with regenerative agriculture practices.

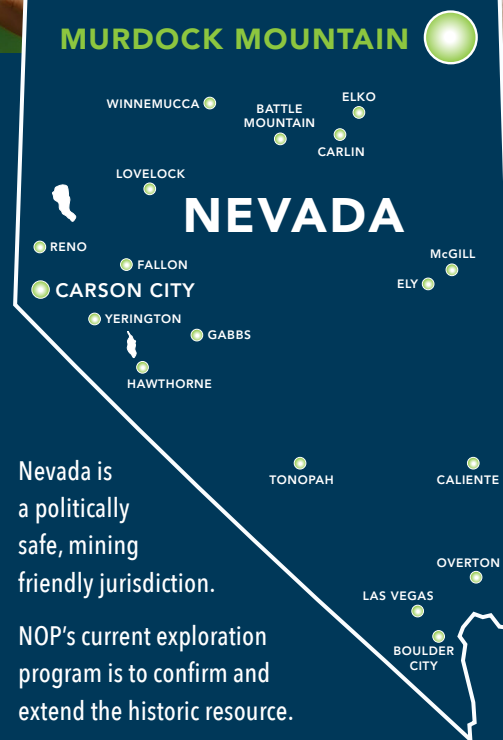
## At Murdock Mountain It's PURE

Only 5% of world's application of P<sub>2</sub>O<sub>5</sub> is pure enough to be applied as direct raw phosphate rock.

*Not All Phosphate Rocks Are Created Equal*



## MURDOCK MOUNTAIN



Nevada is a politically safe, mining friendly jurisdiction.

NOP's current exploration program is to confirm and extend the historic resource.

## Share Capital

Unaudited as at November 18, 2024

Total issued and outstanding common shares	54,212,705
Total options outstanding	4,325,000
Total warrants outstanding	15,212,465
Total issued and outstanding - Diluted	73,750,170

The technical information in this handout has been reviewed and approved by Garry K Smith, P.Geo., a Qualified Person as defined in "National Instrument 43-101, Standards of Disclosure for Mineral Projects."

Phosphate is an important component of fertilizers, making it essential to the agriculture industry. Phosphate is critical for all living organisms with 90% of it used for crop applications in support of plant growth.

# IT'S A MOUNTAIN RANGE OF OPPORTUNITY

## POSITIVE EXPLORATION RESULTS

Geological surveys reveal high-quality phosphate mineralization across new target areas within the Murdock Property, with the target phosphate zone's strike length expanding from 6.6 to 33.4 kilometers.

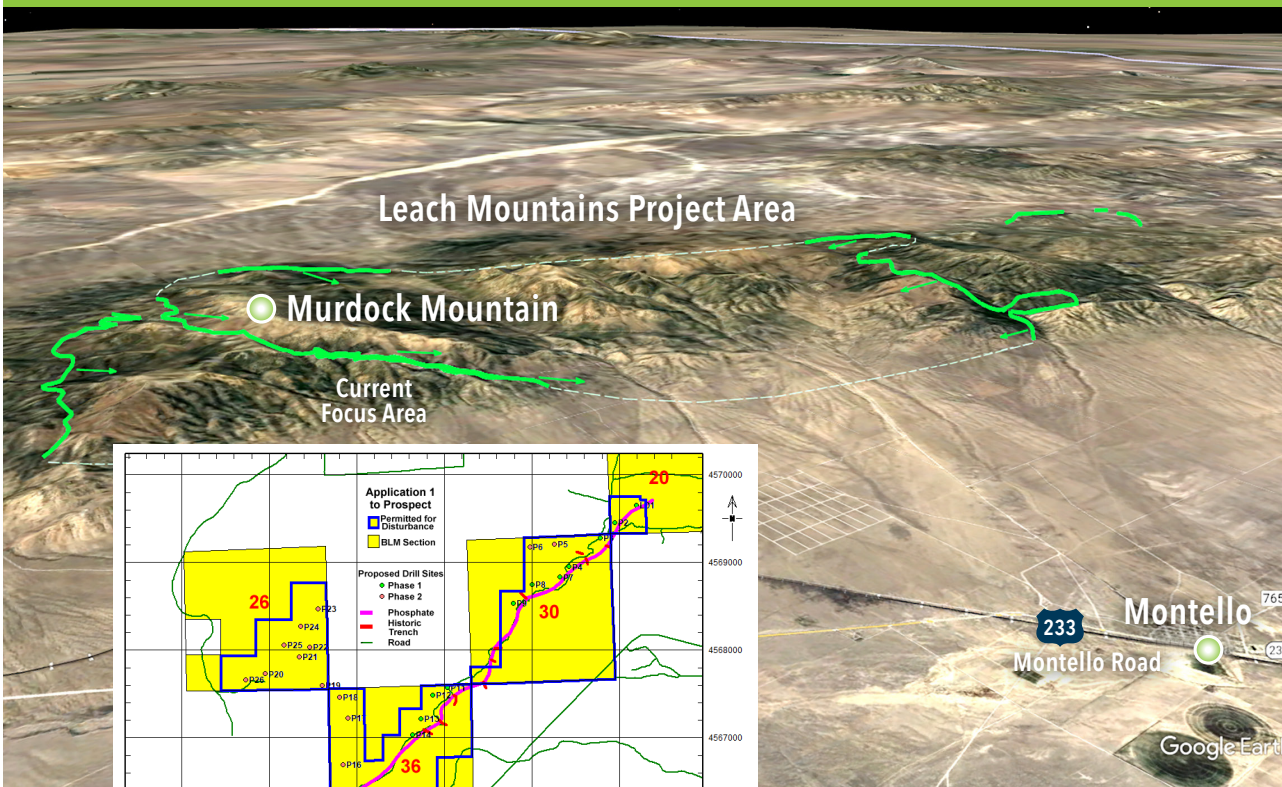
## IMMENSE POTENTIAL

The initial 1,813-acre application hosts an Exploration Target Mineralization Inventory (ETMI) of 10 to 46 million tonnes of rock phosphate, with grades ranging from 3-15% P<sub>2</sub>O<sub>5</sub>, based on an average thickness of 3.5 meters and a specific gravity of 2.61.

## NEW DISCOVERIES

With three new applications covering an additional 6,011 acres, the total ETMI potential skyrockets to 200-220 million tonnes of rock phosphate.

# Invest in a greener, more productive future today!



The Murdock Mountain Property has been expanded to the Leach Mountains Project Area.

The strike of the key rock phosphate bed has been extended from 6.6 km (4.1 miles) to 29 km (18 miles).

Applications to Prospect now cover 7,824 acres (33.4 sq km / 12.9 sq miles).



**DRILL PLAN  
SPRING 2025**

Phosphate is an important component of fertilizers, making it essential to the agriculture industry. Phosphate is critical for all living organisms with 90% of it used for crop applications in support of plant growth.