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# **NEVADA MINING RESOURCES**

**Investors Executive Summary v4 (June 01.2015)** 

Establishing a proprietary, environmentally friendly, flexible, mobile, modular mining platform from exploration to refining precious metals.



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## **The Company**

Nevada Mineral Resources, established in Reno, Nevada, in 2014 is been working on its business plan since 2006 which is based on a rapid deployment of a combination of people and tasks that encompasses all the development stages of a mine from scouting to a finished product.

The company intents and it is already progressing in a base team with plug and play teams and companies as needed which can be found in the mining hubs in Nevada. This method gives the company an overall base low structure and defines clearly the added costs per project and task as everything will be assigned per mine project from the very start.

In order to achieve the goals the company has combined a wide range of technologies so that it can close the process loop from the identification of a mine and its development stages to the point of extraction and production (processing and refining) to a within 3 month period.

In order to accomplish these goals the company has designed three mineral ore processing flows so to be able to process and recover large volumes of different types of ores on site, via a complete self-sustaining mobile and modular platform and in static form which is our centralized multi staged processing, upgrading, refining, smelting precious metals.

At the present time there are officers, managers, employees, properties, professionals, consultants, permits as well as a 40 acre property n Winnemucca, Nevada where up to 14 buildings will be built to house offices, training, testing, processing, refining, aggregate processing, tailings reformulation to blocks and bricks as well as overflow closed type tailings ponds.



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# The Opportunity

Nevada is the largest in mineral riches state in the United States as well as the largest land owner with almost 90% of the land under government's management via BLM and other agencies.

Since it was surveyed by USGS many years ago, few changes have been made over the passing years outside of a few large gold deposits of more than 5.000.000 ounces which are control by the "majors" while after the Second World War, there were no advancements in land development, new mineral discoveries and major processing facilities.

That leaves the company with basically a virgin territory to be revaluated and to be exploited as today the "majors" are only seeking large deposits while leaving thousands of small mines underdeveloped as well as historical mines and tailings.

For such task we need to have flexibility, speed, modularity and a processing system that deals with all the county, city, state and federal regulations.

To achieve such goals the company is ready to start on the three key processing setups so to deal with all possible topographies and mineral types that it wishes to extract and refine.

1. A four (4) stage dry separation for onsite processing placer type of gold and other metals consisting of:

Excavator

Backhoe

Grader

Loader

Dump truck

Generator

Conveyor system

Hoppers and feeders

Four stage dry separation unit

Container offices

Support vehicles

On site security



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2. A mobile and modular processing facility that includes all the necessary components for an onsite processing consisting of:

**Drilling Platforms Module** 

**Testing Laboratories Module** 

**Excavators** 

**Bulldozers** 

Wheel Loaders

**Dump Trucks** 

**Road Graders** 

**Processing Plant & Concentrator Module** 

Refining Plant & Furnace Module

**Spares Parts Container Module** 

Kitchen Container Module

**Bathroom Container Module** 

Storage Container Module

Offices Container Module

**Generator Container Module** 

Liquid Storage Container Module

Refined Product Vault Container Module

Management Accommodations Module

Workers Accommodation Module

Washing & Hygiene Container Module

All-Terrain Vehicles Container Module

**Hauling Trucks & Platforms** 

Container Boxes Module

Water Tank Truck

**Fuel Tank Truck** 

Fire Equipment Truck

**Truck Mounted Crane** 

**Forklifts** 



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Additional modules:

Water pumps & Piping Module Ready product container trucks Site Security Equipment Module **Small Smelting Furnace Module** Site Base Preparation Container Module Site Base Lighting System Module **General Site Supplies Module** Satellite, Telecommunications Module Dirt Road Upgrade Solutions Module

3. A static modular, environmentally friend, waterless, semiautomatic process that can crush, separate, refine and produce end products while it disposes its tailings to a block and brick end product consisting of:

Incoming ore storage silo Primary crushing Crushed ore storage silo Secondary crushing Crushed ore storage silo Four stage dry air ore separation Processed ore storage silo Removal of tailings system Processed ore grinding unit Crushed ore storage silo

Dry air upgraded ore separation unit

Upgraded ore storage silo

Removal of tailings system

Closed loop ore refining system

High grade ore storage silo

Removal of tailings and neutralization system

Ore smelting via electrowinning to finished product



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#### **The Business Plan**

Today nobody has a business plan based recovering and processing small type mines, tailings and historical mines based on a static or mobile complete stage processing platform that is versatile, mobile, flexible, and transferable which one can add to it modules and inclusive of a way to reclaim the mess from the process in the reclamation process.

Without such a system in place there is no other way for a junior company to compete and to get recognized as the alternatives are what everybody else is doing and either failing, breaking even or struggling along.

There is no other "safe" method to process a location and to reclaim it outside of being able to go on location, mobile, do the job and pack everything and move out and clean up what is left over which is basically tailings of no more use where they become bricks and blocks.

It is also the only way to reuse all the equipment as it has a 15 to 20 life span on multiple small life span projects of 1 to 5 years.

It is the only way to reduce ongoing costs as we plan to manage each development stage as it is cheaper to buy the equipment needed and run it as a business rather than hiring a company to do it for us.

Managing all the developmental mine stages from prospecting to mapping to refining doesn't only save money but we are able to get to cash flow within a few months from the start of the process which also reduces the overall tasks, logistics, problems, delays and costs.

We can go to any terrain and any country and either process from the start or just buy concentrates locally and refine them and move on.

As we now have all the stages from start to finish and all can work together as well as alone, or in any needed combination, there is simply no project that we can't do as long as it is small to medium size and it is not oil, gas, iron ore, aluminum or coal.



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As the process is self-contained, closed looped system for fumes, chemicals and water usage, we don't have any resistance and limitations from the cities, counties, states and federal regulators in regards to applications for permits and licenses.

The main "keys" that gives us the advantage are:

Flexibility
Transferability
Equipment depreciation
Site reclamation ability
Mobility
Durability
Equipment recoverability
Total system cost vs others

In all key aspects we are ahead of the curve and alone in a system and a niche that doesn't exist today and with a small capital costs compared to the current alternatives with their inherent design limitations.

As an example, take the workshop foundation where the normal action is to dig a hole, build the box, dump cement and steel rods and then build the building.

When we are done we blast it and we remove it and dump it in the garbage.

OR

We dig a hole and we bring the pre designed and ready cement blocks, put them in place, do the building and when done. We take the building and the cement foundation base and use it again.

The direct, easy, versatile and recoverable way is possible via PreCast ACC type cement floor
Prefabricated steel & panels workshop housing:
Crushing stage
Separation stage
Grinding stage
Separation stage



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Refining via electrolytic or electrowinning process to achieve finish product of high purity.

The key to the whole system is the mesh size from the grinding to the concentration via the dry air separation where we can recover up to 10.000 mesh size material based on the specific gravity of the ore. We then have a high concentration that can go directly to the final refining step.

All is small, within the 25MT per hour of crushing range and all can fit in containers and on the trailers and the platform can work almost anywhere with the option of additional modules as needed.

A complete closed loop system in the grinding and in the refining stages for water, solutions, dust and fumes makes safe and clean and via the block and brick making we can reclaim and clean any tailings on the site.

With a recoverable cement foundation and building along with containers of various sizes and designs for the specific needs, including collapsible ones, with a truck or truck trailer retractable arm, 360 degree ability and 25 tons max weight crane to load and off load equipment and supplies plus supplies and support we are self-sufficient on any site and with limited costs.

With the system we can process a wide range of minerals based on the basic set up with the only major changes that need to be made are on the mixture of the solutions needed as per each metal characteristics in order to separate them further and to produce high purity products.

There is no other way forward which gives us all the above advantages and flexibility with a very overall project cost and having the room to mark-up for us and to be producing in a short time from the very start of anyone project and to be able to deliver refined products.

This is our current and future advantage and the means to high gross margins with low overall operational costs throughout all of the mines development stages to the delivery of a high purity product.

The next step would be to go downstream on an OEM type production in a very narrow and focused product range derived from the metals that we are extracting.



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# **The Process Flow Chart**

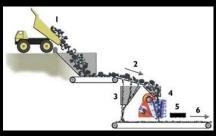


Ore To Truck Or On Site Separation



On Site Ore Separation

To Four Lots & Trucked to Mill



Trucked, Silo, Hopper, Crusher, Conveyor



Separated



Grinded



Separated



**Pre Refining State** 



Refined



**High Grade Gold Grains** 



**Gold Bar Production** 



**End Product** 

Note: The flow is correct but the photos do not represent actual equipment to be used



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## The business plan in detail

The foundation is in place and we are ready to execute the plan with a few basic and simple free gold bearing properties in Winnemucca and very close to the centralized processing facility.

We can be creating revenue within three months due to the relations with the local consultants, counties, state and federal regulators and having a waterless and chemical free process as well as having a foundation and people already working. In short, we are able to

Identity mines
Conclude detailed exploration
Sign lease agreements
File applications for exploration and mining operations
Order the needed processing line and mobile line equipment
Start processing on site via the 4 stage separation and/or the mobile platform
Fines and tailing transported to mill site
Refine and deliver gold

The ore processing, is flexible and can take multiple types of ores and ore conditions and most waste is separated on site and left while the precious metals and the fines are transported to the mill site.

Each building will house 3 flexible processing lines and one refining line and it will be 90% automated.

We will be able to do any one step as needed as per the type of the status from:
Primary crushing
Secondary crushing
4 stage ore dry separation
Ore grinding between 200 to 400 mesh as needed per ore type

Dry air separation capturing 95% of the precious metals Refining of the recovered metals and testing

Creation of finished products at high purity levels



Local regulatory conditions, contacts & consultants

sign on for processing.

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All the components are sourced, tests have been done and a combination of our own laboratory, suppliers testing, independent assay lab and our local engineering consultants have verified and confirmed the process in stages.

The plan from start to finish is based on some very simple and basic foundations but very important to the success of the company.

One of the "keys" is the local component of being connected and understanding the Local geology Local geologists

This is the base that allows us to get from zero to processing within 3 months in each new property that we

With an environmentally correct ore processing system in static and mobile form, modular and scalable.

The process is simple and able to create byproducts such as aggregate and blocks and bricks, thus, no tailings and clean ups.

It is proven that a rock or ore body can be crushed to the point that its original and separate ingredients which were fused together via the geological events, can be separated via a mechanical process.

Once separated, using their own unique natural characteristics of Specific gravity
Specific density
Specific hardness
Specific electromagnetic signature

We can separate the different ores via a dry air separation system which using the above signatures, we remove unwanted material from the one that we seek. Therefore we can set up multiple dedicated lines for a wide range of metals.



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Each building will be 100ft by 300ft long and 15ft high and it will house three complete lines from crushing to refining.

Primary crushing
Secondary crushing
Four stage ore gross dry separation
Ore grinding from 200 to 400 mesh
Specific target dry air separation
Final refining from a 60% purity to 99.99%
End products of high purity

The above set up with the pre separation on each site, we can get very high grades of ore to be processed on the static plant so above 50% waste is on each property thus each stage of processing in the mill is far more efficient thus the end result.



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## The scalability process within the processes

As the process is modular, flexible and scalable for all of the three processes variations we can easily house in each building a process from 25 tons per hour to 150 tons per hour throughput.

That means that we can scale the production per process stage and per adding more buildings, thus more lines as well as processing and separating more on sites that we can in order to increase total and combined capacity therefore, gross revenue.

#### Variables:

Tons per hour processed and separated at site via stage 1 separation
Tons per hour processed and separated at site via the mobile process
Tons per hour at the processing plant
Hours worked per day
Days worked per week
Lines operating at the same time
Processing buildings operation at capacity
Gold recovered per ton from 3 grams onwards
The above variables can be as calculated from our base of

One site, simple separation, 3 grams per ton, 25 tons processing per hour at 8 hours at one line at one building to multiple sites, more on site separation, 5 grams to 30 grams per ton, 150 tons processing per hour at 20 hours per day, at 7 days per week and with as many as 12 buildings with 3 line each which is 36 lines.

#### **Conclusion**

Based on the above numbers which are based on facts from the on the ground information gathered in addition to ore testing and ongoing costings, the company can recovery its monthly staged initial investment within the first 18 months of progressional scaling of mines and processing capability.



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#### A down side?

As the company controls and manages all the steps from the property confirmation to the refining and the sale of the finished products, there is no real downside or risk exposure.

Note that the success of the company is linked to multiple factors which are all internally controlled from the technology used to the equipment sourcing to the management of each property and the system doesn't use water and chemicals and the west coast of America as other sites worldwide are gold bearing below 8 grams per ton but too small for the big corporations, properties are endless.

Proof of concept has already been established in sections of the whole system and the company can establish its first line in Nevada from income earned via the gold bullion sales, therefore any possible new investment is not at risk as proof of concept is already established.

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