# NORTHERN LIGHTS RESOURCES CORP

**Developing High Quality Projects in USA** 

Secret Pass Project – Gold in Arizona

Medicine Springs Project - Silver/Zinc/Lead in Nevada

CSE: NLR www.northernlightsresources.com

Investor Presentation July 2020

### DISCLAIMER

Certain statements in this presentation are forward-looking statements. Forward-looking statements consist of statements that are not purely historical, including any statements regarding beliefs, plans, expectations or intentions regarding the future. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes" or variations (including negative and grammatical variations) of such words and phrases or statements that certain actions, events or results "may", "could", "would", "should", "might" or "will" be taken, occur or be achieved. Forward-looking statements may include, but are not limited to, statements with respect to the future financial or operating performance of the Company and its mineral projects, the estimation of mineral resources, the timing and amount of estimated future production and capital, operating and exploration expenditures. Such forward-looking statements involve known and unknown risks, uncertainties and other factors, which may cause Northern Lights Resources Corp. ("Northern Lights" or the "Company") actual results, performance or achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. No assurance can be given that any of the events anticipated by the forward-looking statements will occur or, if they do occur, what benefits the Company will obtain from them. Forward-looking statements reflect management's current views and are based on certain expectations, estimates and assumptions which may prove to be incorrect.

A number of risks and uncertainties could cause actual results to differ materially from those expressed or implied by forward-looking statements, including, but not limited to: global economic conditions; mineral price fluctuations; the Company will require significant amounts of additional capital in the future; competition for properties and experienced employees; minerals industry competition and international trade restrictions; possible loss of interests in exploration and development properties; mining and mineral exploration is inherently dangerous and subject to factors beyond the Company's control; the Company's mineral resources are estimates; the nature of exploration and development projects; environmental regulatory requirements and risks; currency fluctuations; government regulation and policy risks; the Company has no history of mining operations; property title rights; dependence on key personnel and qualified and experienced employees; delineation of mineral reserves and additional mineral resources; insurance coverage; dilution from further equity financing and outstanding stock options and warrants; the market price of the Company's shares; the Company has never paid dividends and may not do so in the foreseeable future; litigation and other legal proceedings; technical innovation and obsolescence; disclosure and internal controls; and conflicts of interest.

Forward-looking statements are made as of the date of this presentation and, except as required by applicable securities laws, the Company assumes no obligation to update these forward-looking statements, or to update the reasons why actual results differed from those projected in the forward-looking statements. Additional information about these and other assumptions, risks and uncertainties are set out in the "Risks and Uncertainties" section in the Company's MD&A filed with Canadian security regulators.

#### **Qualified Person**

The qualified person for any technical information in this presentation is Mr. Gary Artmont, Geological Advisor for Northern Lights and a qualified person under NI 43-101.

This presentation shall not constitute an offer to sell or the solicitation of an offer to buy securities.



# INTRODUCTION

### Northern Lights Resources is a growth-oriented, CSE listed company, focused on exploration and development of high quality projects located in mining friendly jurisdictions:

#### Secret Pass Project – Gold Exploration, Arizona

- Located in famous Oatman-Katherine gold district of Arizona that produced over 2 Moz of gold from numerous mines in the area between 1892 and 1940's
- Purchased by NLR in November 2019, **100% ownership**, no production royalties.
- Epithermal gold mineralisation hosted by steeply dipping regional fault systems. Numerous historic workings are associated with faults running though the license area.
- Drilling in the 1980's identified high grade mineralisation. Only 10% of project lease area has been explored.

#### Medicine Springs Project – Silver/Zinc/Lead Exploration, Nevada

- NLR earning 100% through 6 year option agreement
- Medicine Springs has the potential to host two significant mineral deposits: Oxide - Large open pittable silver-zinc-lead oxide resource extending from surface to a depth of 180 meters (current known extent of oxidation); and Sulfide - Potential for carbonate replacement-style silver-zinc-lead mineralization.
- NLR has completed an aeromagnetic and soil geochemical surveys over the entire 1,189 Ha license area.
- Drilling of identified targets planned for 2020

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**NLR Project Locations** 

## CAPITAL STRUCTURE

- Northern Lights Resources began trading on the Canadian Securities Exchange (CSE) as "NLR" on Oct 31 2018.
- 64.5 million shares outstanding
- 25% Management / Insider ownership
- Total raising \$1.3 million financing concurrent with listing of NLR.

### **Capital Structure**

Shares Outstanding <sup>1</sup>	64.5 m
Share Price <sup>2</sup>	\$0.03
Market Capitalization	\$1.9 m
Warrants Outstanding <sup>3</sup>	27.1 m
Total Diluted Shares on Issue	91.6 m

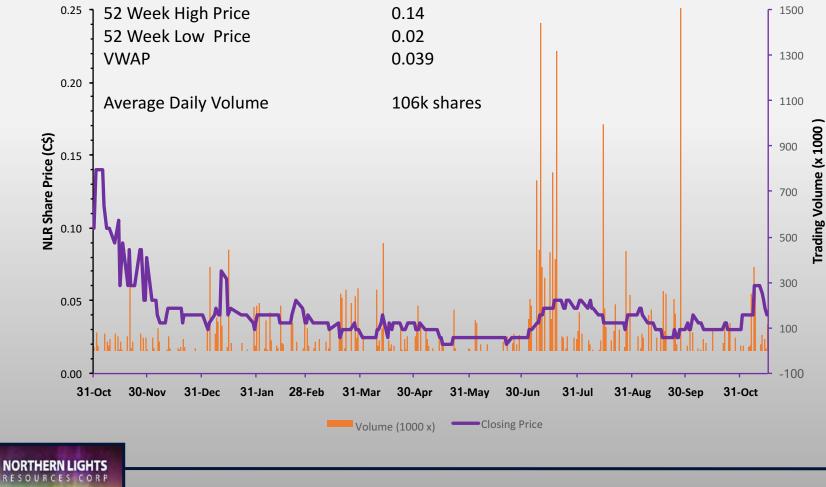
<sup>1</sup> 64,540,654 shares on issue as at July1, 2020.

<sup>2</sup> Share price as at July 10, 2020

<sup>3</sup> 11,005,000 warrants exercisable at 20 cents until November 2020 plus 3,420,000 warrants exercisable at 7.5 cents until July 2021, 12,627,772 warrants issued at \$0.075 exercisable to Jan 2022.

# NLR TRADING

- Northern Lights began trading on the CSE on October 31, 2018 at an initial issue price of 10 cents per share.
- Northern Lights is progressing a secondary listing on OTC QB



# LEADERSHIP

### BOARD OF DIRECTORS

- Albert (Rick) Timcke Executive Chairman and President
- Jason Bahnsen
  Director and CEO
- Graham Keevil Non Executive Director (CEO Tajiri Resources Corp, TSX.V: TAJ)
- Richard A. Kelertas Independent Director

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• Gordon Tainton Independent Director (President CROPS Inc. TSX.V: COPS)

### M A N A G E M E N T T E A M

#### • Albert (Rick) Timcke Executive Chairman and President

(Vancouver-based entrepreneur and financier who has been involved in public equity market roles for 30+ years)

#### Jason Bahnsen CEO and Director

(Mining Engineer with 30+ years of mine development and capital markets experience. International experience throughout Asia, North America, Africa and Australia. Ex Rio Tinto / Deutsche Bank)

### Gary Artmont

#### **Geological Advisor**

(Senior exploration geologist with 40 +years of international experience in regions including Canada, USA, Mexico, South America, Indonesia, Africa, Russia, China and Mongolia. Previous Chief Exploration Geologist for Freeport McMoran Indonesia, also ex Rio Tinto / Kennecott / Norilsk / Ivanhoe)

## SECRET PASS GOLD PROJECT-OATMAN DISTRICT

- Secret Pass is gold exploration property located 29 km west of Kingman and 15 km north of the historic Oatman gold mining district that produced 2 million ounces of gold between 1892 and 1940 at an average gold grade of >15 g/t. The property area has excellent logistical advantages such as power, water and skilled labor pool.
- Northern Lights announced the acquisition of a 100% interest in the Secret Pass Gold Project on July 15, 2019. The acquisition was completed on November 8, 2019. Total consideration for the acquisition was U\$\$350,000 plus 2 million shares of NLR.
- The Secret Pass licence has no third party production royalties.
- The licence area covers 868 hectare comprised of 656 Ha of BLM claims and 212 Ha of Arizona State mineral claims.

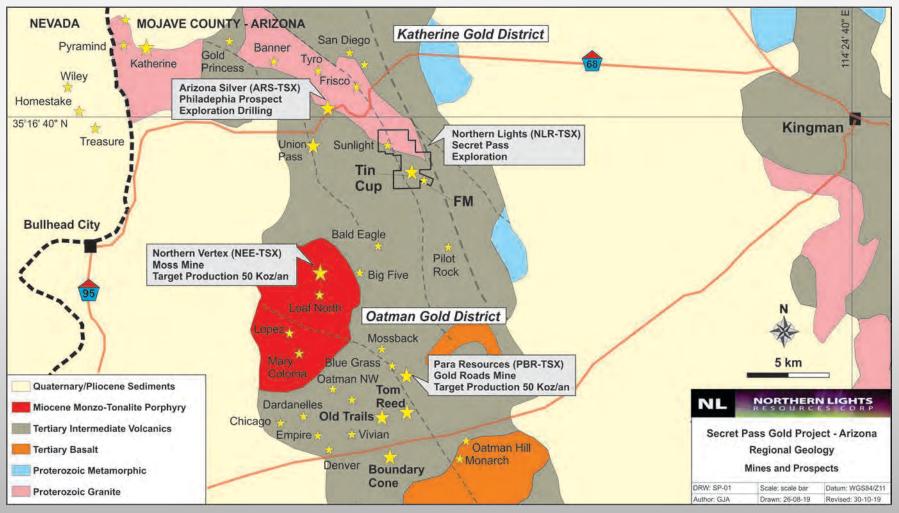




#### **Tin Cup Open Cut - Sectret Pass**



# OATMAN-KATHERINE GOLD DISTRICT-REDISCOVERED



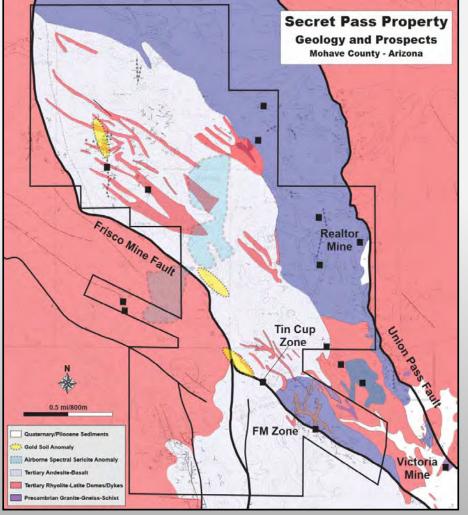
#### **Oatman – Katherine Gold District**



## SECRET PASS: GEOLOGICAL SETTING

- Geology of the Secret Pass property comprises Precambrian meta-intrusives and gneiss which are unconformably overlain by Tertiary age volcanics. The volcanics consist of a lower sequence of andesite and basalt and an upper sequence of rhyolite to latite domes and dikes.
- Main structural feature in the region is system of subparallel, shallow to steeply dipping, north to northwest trending regional faults.
- Fifteen historic mines have been identified on the Secret Pass property. There has been no exploration work completed since the 1991 and this work was solely focussed on the Tin Cup and FM prospect areas.
- The Union Pass and the Frisco Mine Fault systems directly or indirectly control much of the gold mineralization on the property. Approximately 10 km of the two main faults have never been drilled in the past.
- Three surface gold geochemcial anomalies occur in proximity to the Frisco Fault and have not be tested.
- In total 14,000 metres in 140 holes have been drilled on the Tin Cup and FM Zones which are located on the Frisco Mine Fault. Only 10% of this prospective fault zone has been explored.

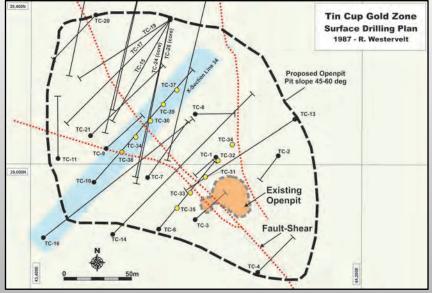
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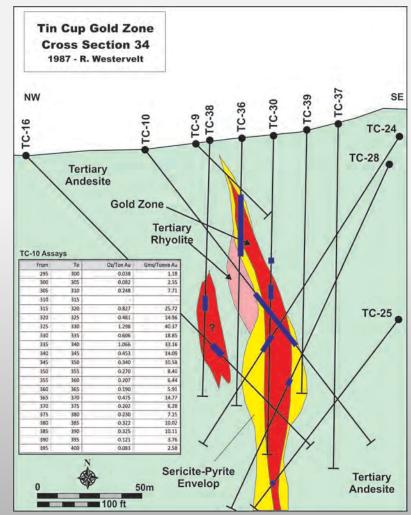
#### **Secret Pass Geology and Prospects**

# SECRET PASS PROJECT - TIN CUP DRILLING

- A total of 14,000 metres of drilling was completed in the period from 1984-1991 in 140 holes by Sante Fe Mining and Fischer Watt.
- All exploration was centred around historic Tin Cup (open cut and adit) and FM zones. Of the 140 holes drilled on the property, 100 holes were drilled at Tin Cup.
- High grade historic intersections in open cut/shallow underground area. An example of the high grade nature of the gold mineralization is observed in TC-10 that graded 10-40 g/t Au over 10 metres at depth of approximately 100 metre below surface (not NI 43-101 compliant).
- Historic (non NI 43-101 compliant) estimates suggest potential for both shallow open cut resource and high grade underground potential.



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### Secret Pass Historic Drill Holes and X-Section – Tin Cup

# SECRET PASS: 2019/2020 EXPLORATION PLAN

#### **Aeromagnetic Survey**

Quotations received for closed spaced aeromagnetic survey utilizing a drone platform. The aeromagnetic results will highlight structural features and magnetic lows related to sericite-quartz alteration that typically host gold mineralization on the Secret Pass property. The survey will be flown with a line spacing of 50 meters.

#### Comprehensive Soil/Rock Sampling Program

Plan to undertake detailed mapping and sampling along structures related to fault systems and coincident with magnetic anomalies, historic gold workings and soil gold anomalies. Anomalies generated by this work will be trenched and drilled if warranted.

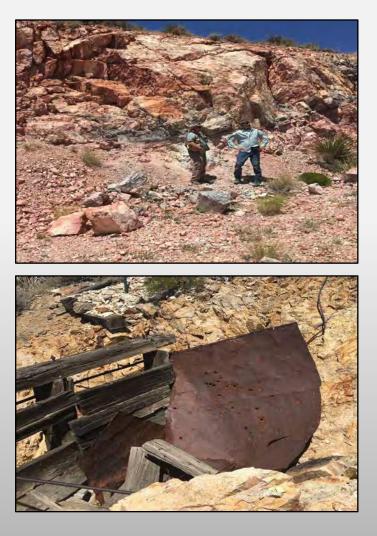
#### NI43-101 Report

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Completion of an updated NI43-101 incorporating both historical exploration work and resource estimates as well as the results from the aeromagnetic survey and surface rock and soil sampling exploration programs.

NLR plan to work on the validation of the historic drilling completed in the Tin Cup area leading to an updated NI43-101 resource for the project.

NLR is budgeting approximately \$US150,000 for the initial exploration program at Secret Pass. This program will provide guidance to exploration targets for drilling.



### SECRET PASS UPSIDE FOR NLR SHAREHOLDERS

- Secret Pass offers NLR shareholders the opportunity to own 100% of a promising gold exploration property with no production royalty.
- Participation in the re-emerging Oatman-Katherine Gold District. The location offers several opportunities for consolidation. The Oatman-Katherine District is underexplored and offers excellent potential for greenfield exploration in covered areas which have minimal claim coverage.
- The Tin Cup historic open pit resource offers near term production opportunities.
- Tin Cup has potential to host high grade shallow underground gold targets which can be accessed from the existing adit.
- Secret Pass is located in Arizona which ranked in the top 10 world mining jurisdictions published in the 2018 Fraser Institute Mining Survey

# MEDICINE SPRINGS PROJECT: OVERVIEW

- The Medicine Springs Project is located in the Ruby Mountain valley south east of Elko, Nevada comprising 149 unpatented Federal mineral claims covering 1,189 Ha.
- Historical producer (160 tonnes Pb, 800 kg of Zn and 500 kg of Ag) from numerous surface and underground mine workings between 1910 to 1956.
- Northern Lights is targeting the identification high grade carbonate replacement deposit (CRD) sulphide mineralization at depth and delineation of a large scale open pittable oxide silver-zinc-lead resource. The geological setting is analogous to the world-class underground Taylor-Hermosa Zn-Pb-Ag deposit in Arizona which was acquired by South32 for \$CDN 1.9 billion in 2018.
- Exploration on the Project comprised detailed mapping, surface rock sampling, geophysics (Aeromagnetics and CSAMT), and ionic geochemical soil sampling programs which were completed between September – November 2018.
- Exploration results defined a strong NE trending lead-zinc-silver soil anomaly which extends >2000 meters in length and ranging from 350-500 meters in width and is coincident with strong alteration and zones of high density fracturing.
- Northern Lights holds an option to acquire a 100% interest in the Medicine Springs silver-lead-zinc project by spending a total of US\$2.7 million on project expenditures and payments to vendors totaling US\$950,000 in cash and US\$250,000 in equity over a 6 year term.



**Medicine Springs Project Location** 



**Drone Magnetic Survey - Nov 2019** 

## MEDICINE SPRINGS: NEW BASE METALS TREND

400000mE

60000mE

45000





# MEDICINE SPRINGS: EXPLORATION SUMMARY

From 1986-2008, exploration conducted by US Minerals Exploration, USAX, Golden Phoenix, Cominco America and Silver Resources.

#### Mapping and Sampling

• NLR has mapped a mineralized footprint 3,400 m in length and up to 1,400 m in width, controlled along several sub-parallel NE structures extending from Silver Butte to RC drill hole JS-105 which is located 850 meters NE of Golden Pipe mine.

#### Geophysics

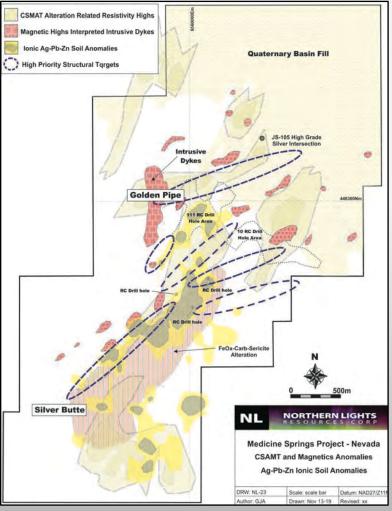
- Cominco CSAMT in 1996 reinterpreted by NLR in 2018
- Aeromagnetic survey over entire license area at 50m spacing.
- Geophysical interpretation defined 6 northeast trending anomalies which in part coincident with zones of high resistivity related alteration

### Ionic Soil Geochemistry

- In 2019 NLR completed a 794 sample ionic soil geochemistry survey
- Soil sampling results defined strong coherent NE trending lead-zincsilver anomaly which measures >2000 meters in length and ranging up to 500 meters in width

#### Drilling

- 125 drill holes for 5,380 meters with an average depth 43 meters.
- Grades range as high as 18% Zn and 36 g/t Ag over a 5 m and 7% Zn, 4% Pb and 114 g/t Ag over 8 m.
- Historic shallow drilling has intercepted high grade silver intersections in excess of 200 g/t Ag
- NLR has planned 4,900 metre drill program planned for 2019/2020 to test identified anomalies.



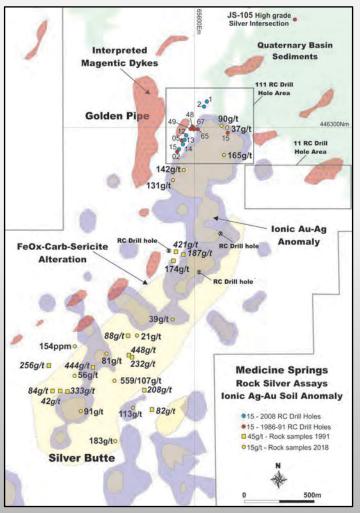
### **Medicine Springs Ag-Zn-Pb Anomalies**

# SIGNIFICANT SILVER POTENTIAL

- Exploration completed by Northern Lights has highlighted the potential for significant silver mineralization at Medicine Springs. An extensive rock sampling program comprising 66 samples was collected in conjunction with surface mapping in 1991 and 2018.
- 27 samples assaying greater than 20 g/t silver and 17 samples with silver assays exceeding 100 g/t with a maximum value of 559 g/t.
- The ionic soil survey defined a strong Ag-Au anomaly that extends from the Golden Pipe to Silver Butte mine shafts, a distance of 2300 meters in length and up to 600 meters in width.
- The highest soil silver values are associated with a coherent Ag-Au anomaly observed in the Golden Pipe area. The anomaly in the Silver Butte area is less continuous in distribution. Third group of anomalies are located to the southeast of Silver Butte and are associated with the younger Thaynes Formation limestones.
- A total of 125 RC holes drilled in the Golden Pipe area with an average depth of 43 meters. Partially oxidized silver-lead-zinc mineralization encountered at a depth of 180 meters. Significant silver rich intersections were encountered, examples:
  - JS-67 : 33m@ 90 g/t Ag, JS-105 : 100m @ 21 g/t Ag
  - RMR -1 : 15m @ 82 g/t Ag including 7.6m @t 138 g/t
  - RMR-2 : 44m @ 69 g/t Ag including 6m @ 225 g/t

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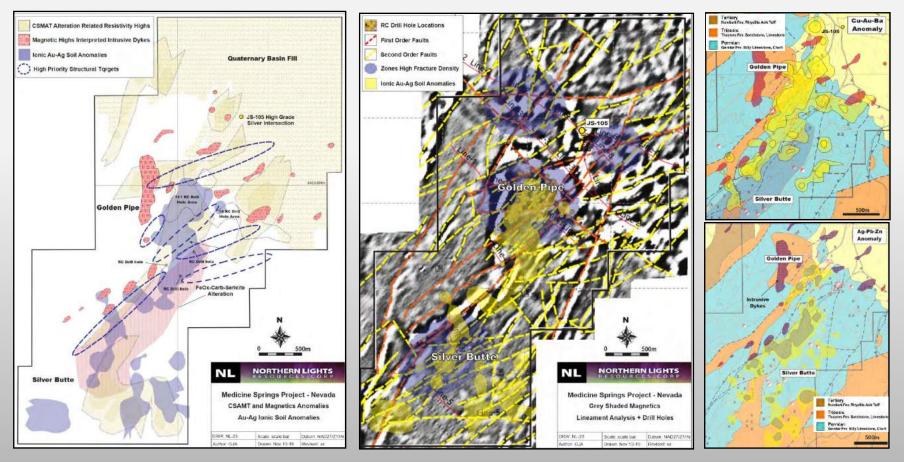
- RMR-15 : 70m @ 40 g/t Ag including 27m @ 73 g/t Ag
- No historic drilling has been undertaken in Silver Butte area. Anomalous soil and rock silver assays highlight the silver potential of this area.



#### **Medicine Springs - Silver Anomalies**

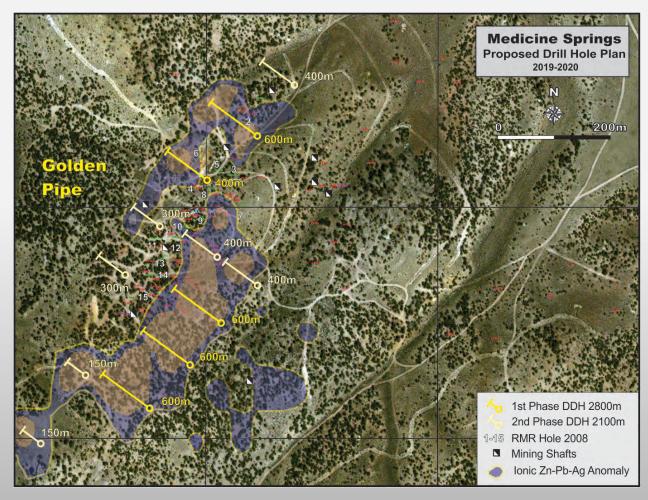
# PROCESS USED TO GENERATE EXPLORATION TARGETS

Priority anomalies generated from 4 data sets; i) Geophysics (magnetics+CSAMT), ii) lonic soil analysis, iii) Intrusive bodies and iv) Fault density. Three geochemical associations are recognized and include; Au-Ag (Carlin), Ag-Pb-Zn (CRD-Taylor), Cu-Au-Ba (Porphyry).





### MEDICINE SPRINGS: 2020 DRILLING PROGRAM



Plannedexplorationdrillingprogramwillcomprise4,900meters of diamond drilling.

The primary objectives of the program are i) to determine the limits of surface oxide silver mineralization and ii) explore for carbonate replacement sulphide mineralization at depth

**Phase 1** drilling program will consist of 2,800 meters of core drilling in five holes.

**Phase 2** drilling program will consist of 2,100 meters of core drilling in seven holes.

The drill holes will be inclined at minus 65 degs.

Drill pulps will be submitted for preliminary metallurgical test work to evaluate the recovery of metals in the oxide zone

The scope and timing of Phase 2 drilling program will be contingent on the results from the Phase 1.

Ionic Zn-Pb-Ag Soil Anomaly and Proposed Drill Hole Locations



## WHY INVEST IN NORTHERN LIGHTS RESOURCES?



Experienced Team focused on the identification and development of mineral deposits globally

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Clean Capital Structure with no debt, circa 48.6 m shares outstanding, 14.4 m warrants, no debt



#### 100% ownership of Secret Pass Gold Project (Arizona)

- Highly prospective exploration project
- 14,000 meters of drilling completed in 1980's,
- Historic open pit and underground resource
- +10 km fault zone prospective for gold
- No production royalties

#### Earning 100% interest in Medicine Springs Silver/Lead/Zinc Project (Nevada)

- Geophysical and soil geochemistry has identified large unexplored anomalies for drilling testing
- Large scale potential for both near surface oxide silver and deeper sulphide CRD Silver-Zinc-Lead mineralization



Listed on the Canadian Securities Exchange (CSE), trading commenced October 31, 2018, ticker "NLR"



Growth oriented company focused on exploration and project development. The Company has a strong pipeline of growth prospects

# NORTHERN LIGHTS RESOURCES CORP

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