# SOLSTICE



#### GOLD

# A DISTRICT SCALE LAND PACKAGE IN A GOLD RICH REGION

### **Investor Presentation**

### September 2019

### FORWARD LOOKING STATEMENTS

This document contains certain forward-looking statements ("FLS") relating but not limited to the Company's expectations, intentions, plans and beliefs. FLS can often be identified by forward-looking words such as "emerging", "goal", "plan", "intent", "estimate", "expects", "scheduled", "may" and "will" or similar words suggesting future outcomes or other expectations, beliefs, plans, objectives, assumptions, intentions or statements about future events, performance or treasury levels. FLS in this presentation also include, but are not limited to, the extent and timing of described programs, such as drilling, geophysics, rock sampling and till sampling. The Company may adjust any program described in this presentation as it feels necessary based on results and other operational factors. There can be no guarantee that continued exploration at Kahuna, which is at an early stage of exploration, will lead to the discovery of an economic gold deposit. While the Company believes the boulders described in this presentation are sourced locally for the reasons outlined in this presentation, there can be no certainty that their source is local, or that it will be located on Solstice claims. Factors that could cause actual results to differ materially from any FLS include, but are not limited to, delays in obtaining or failures to obtain required governmental, environmental or other project approvals, inflation, changes in exchange rates, fluctuations in commodity prices, delays in the development of projects and other factors. FLS are subject to risks, uncertainties and other factors that could cause actual results to differ materially from expected results.

Assay results from grab samples (boulders and outcrop) are selected samples and are not necessarily representative of the mineralization hosted on the property. Grab sample weights range from 0.75kg to 3kg.

Potential shareholders and prospective investors should be aware that these statements are subject to known and unknown risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the FLS. Shareholders are cautioned not to place undue reliance on FLS. By its nature, FLS involve numerous assumptions, inherent risks and uncertainties, both general and specific, that contribute to the possibility that the predictions, forecasts, projections and various future events will not occur. Solstice Gold undertakes no obligation to update publicly or otherwise revise any FLS whether as a result of new information, future events or other such factors which affect this information, except as required by law.

This presentation contains information with respect to adjacent or similar mineral properties in respect of which the Company has no interest or rights to explore or mine. Readers are cautioned that the Company has no interest in or right to acquire any interest in any such properties, and that mineral deposits on adjacent or similar properties are not indicative of mineral deposits on the Company's properties. Past performance is no guarantee of future performance and all investors are urged to consult their investment professionals before making an investment decision. Investors are further cautioned that past performance is no guarantee of future performance.

Ian Russell, P.Geo., is the Qualified Person as defined by NI 43-101 standards responsible for reviewing the technical content of this presentation.

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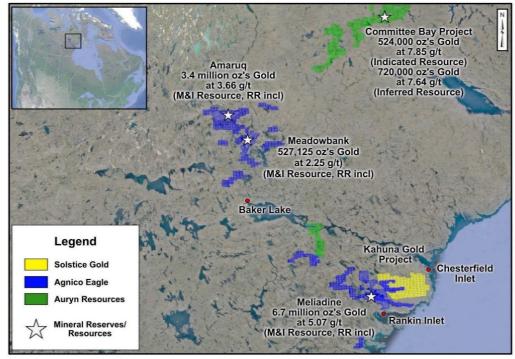
### **INVESTMENT THESIS**

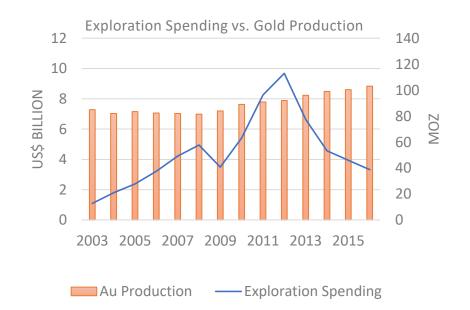


### Position Solstice on the high-reward discovery part of the Lassonde curve

Manage risk by:

- Locating in a safe political jurisdiction Nunavut
- Leverage gold price in USD and costs in CAD
- Controlling an extensive land position in area(s) with high geological potential Meliadine Gold District
- Carrying out high quality exploration using experienced and successful team





Gap between exploration spending and production. Discoveries needed!

Sourced from Company Websites. AEM Reserves have been added to M&I. Open Pit and underground resources added together where applicable.

## WHY OWN SOLSTICE?

- Setup mapping and sampling complete Initial drill testing underway
- Eleven targets within 50km<sup>2</sup> target area
- High potential geological/structural environment provides unrivalled exposure to discovery in emerging Meliadine gold district, host to very large gold deposits
- Gold districts tend to host multiple gold deposits, Solstice controls 928 km<sup>2</sup>
- Low property costs allows focus on discovery
- Experienced team with direct Meliadine area experience
- Key management are co-owners at same cost base as other shareholders aligned.

## CAPITAL STRUCTURE



Management

& Insiders, 5%

Solstice	(millions)		Current Shareholders
Shares	69.5		Тор 10
Warrants	17		Shareholders / Brokers, 43%
Options	9	Koutio Date	Brokers, 45%
Working Capital	\$3.5	Kevin Reid, 16%	
FD Shares OS	96		Other, 19%
FD Cash	\$12		
Estimated as of June 30th 2019		Property Vendors, 2%	
		Phoenix Gold Funds, 3%	Northfield

Northfield

Capital Corp,

7%

Rob McEwen,

5%

### EXPERIENCED AND SUCCESSFUL LEADERSHIP TEAM

#### **Management**

#### David Adamson, Ph.D. – Executive Chairman, Director

30+ years wide range of experience from advanced exploration through to development. Co-winner of 2010 Colin Spence award for excellence in worldwide exploration. Raised over \$500 million in equity. Most recently CEO of NewCastle Gold.

#### Marty Tunney, P.Eng. - President, Director

15+ years mining industry experience including Mining Engineer, Investment Banking and Executive formerly with CIBC, Raymond James, Placer Dome, Vale (Inco), Newmont, NewCastle Gold.

#### David Fischer, CPA, CA – Chief Financial Officer

20+ years. Formerly with Rubicon, Intrinsyc, MDSI, and PricewaterhouseCoopers (PwC).

#### Ian Russell, P.Geo. - Vice President Exploration

25+ years early to advanced stage exploration gold projects. Co-winner of 2010 Colin Spence award for excellence in worldwide exploration. Former Mine Exploration Manager at Goldcorp's producing Red Lake Gold Mines.

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#### Sandy Barham – Senior Geological Consultant

30+ years. On team that completed first diamond drill program on Agnico Eagle's Meadowbank deposit, identified the potential of Amaruq, saw the Meliadine project establish a 5 million ounce global resource prior to the Comaplex sale to Agnico Eagle. Completed numerous reports on the geology and gold occurrences of the Meliadine land package and is an expert in the geology and styles of mineralization in the Meliadine area. Crew discovered the Aqpik target.

#### **Board of Directors**

#### Christopher Taylor, M.Sc. P. Geo. – Director

15+ years experience with both mid-tiers and juniors. Initiated spin out of assets from DVI. Chairman of Dunnedin Venture, CEO of Great Bear Resources.

#### Michael G. Leskovec, CPA – Director

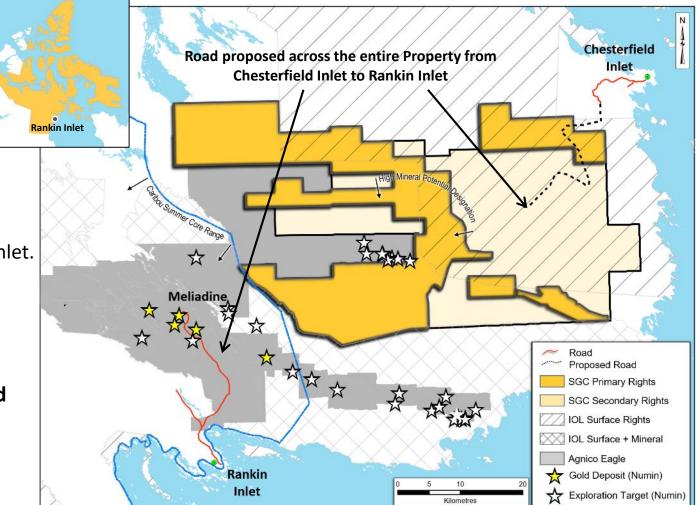
15+ years. VP of Northfield Capital, CFO of Nighthawk Gold. Former Officer of Gold Eagle Mines.

#### Chad Ulansky (B.Sc.) – Director

20+ years of exploration experience. Began career working for Dia Met Minerals Ltd. President & CEO of Cantex Mine Development Corp and Metalex Ventures.

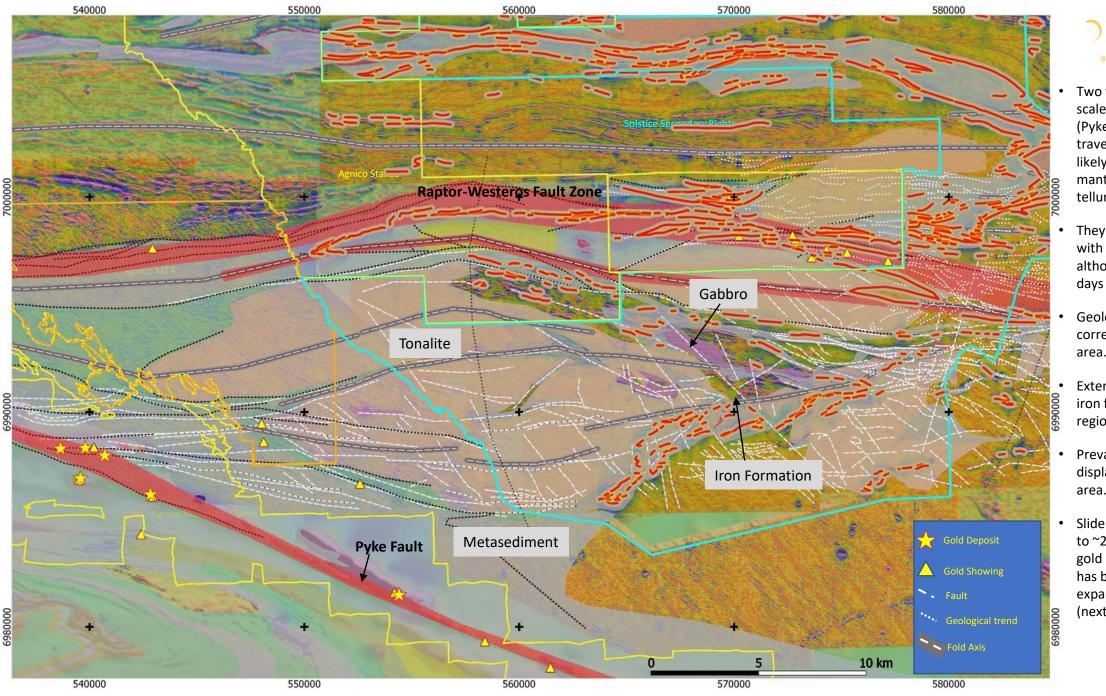
## PROPERTY LOCATION – 928 km<sup>2</sup> "Near Mine Exploration" STICE

- Adjacent to Agnico Eagle claims and 7 km from the nearest gold deposit.\*
- Land located on both Crown and IOL (Inuit owned surface rights). Solstice holds all mining rights.
- Only 26 km from Rankin Inlet and 15 km from Chesterfield Inlet, Nunavut. Multiple daily commercial flights to Rankin Inlet.
- Low Property Maintenance Costs
  - No underlying payments.
  - Annual land hold costs on key target areas covered for 3+ years (Westeros mostly 10 years).
  - 4% NSR with buydown to 2% for C\$4mm.



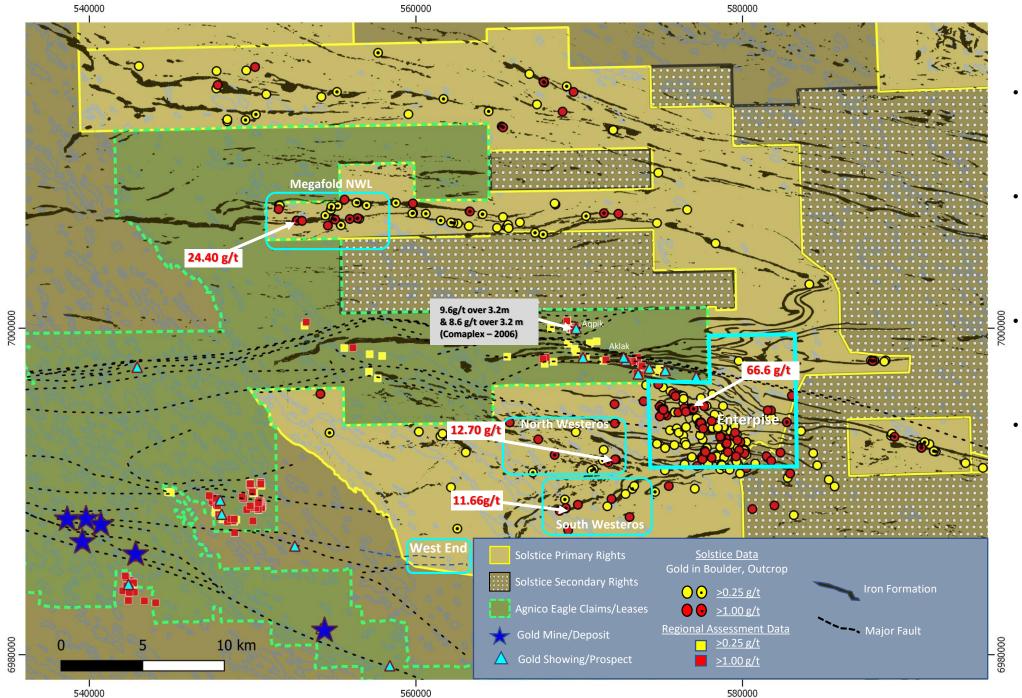
Primary Rights include all mineral rights for non-diamond and gemstones excluding minerals found in kimberlite. Dunnedin Ventures holds Secondary Rights on this ground. Secondary Rights give the holder the right to propose exploration programs on the property related to their mineral rights. Such programs are granted at the discretion of the Primary Rights holder. Agreement allows exclusive right for the parties to exchange rights on their respective claims. For additional details please see the Solstice Gold 2017 NI 43-101 Technical Report available on www.sedar.com.

\*6.7 M Oz gold M&I(R&R Incl.) @ 5.07 g/t and 2.7 M Oz Inferred @ 6.04 g/t\* (Meliadine total Capex of \$900M by Q1 2019) Source: Agnico-Eagle Reserve and Resource Statement, December 31, 2017. Note: Solstice has no interest or rights in adjacent properties and there is no certainty that similar mineral deposits occur on Solstice claims.



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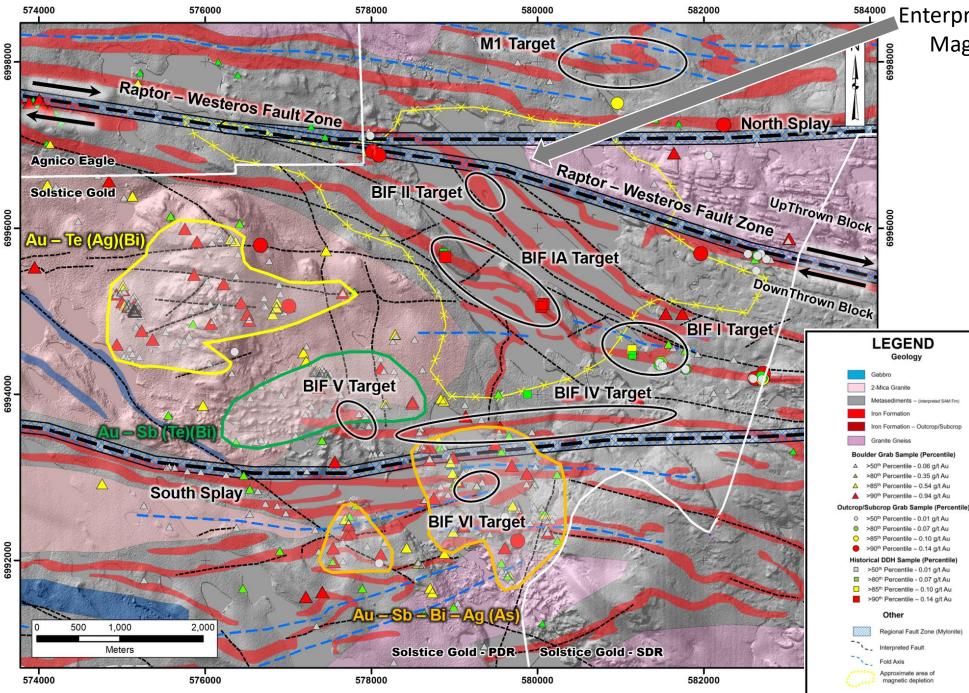
- Two fundamental regionalscale first-order features (Pyke Fault and RWFZ) traverse the area. RWFZ likely plumbs to upper mantle depths base down telluric profiles to the west.
- They are both associated with gold mineralization although RWFZ is in early days of discovery.
- Geology and Structure correlates with Meliadine area.
- Extensive development of iron formations – key regional host.
- Prevalent dextral displacement across the area.
- Slide shows known gold up to ~2017. Since then the gold potential of the region has been significantly expanded by Solstice work (next slide).



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- Significant gold discovered in key QEMS target - a 45km<sup>2</sup> area.
- Also significant gold in the Westeros fold and NW Megafold, all associated with magnetic rocks.
- Systematic exploration less than one year old but has made significant progress.
- Current focus is QEMS, the focus of the next few slides.

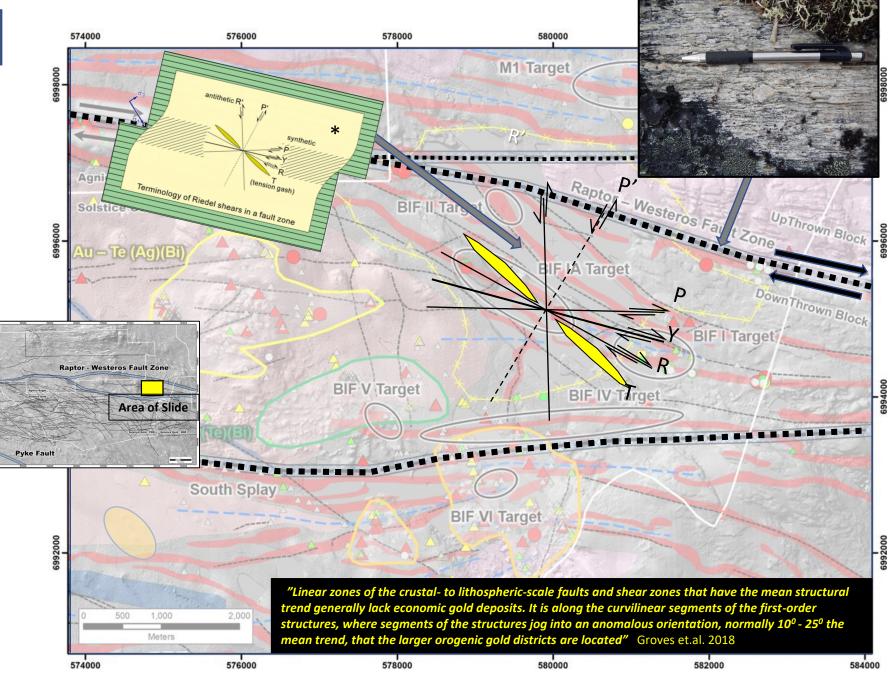
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Enterprise Area SOLSTICE Mag Low

### Enterprise Area

- First ever map of the 50 km<sup>2</sup>
  Enterprise area adds
  important new information
- Major 100m-wide RWFZ shear zone identified.
- Dextral/transpressive sense of movement
- Rotation or 'jog' of rock units in the Enterprise area characterised by magnetic depletion
- Enterprise area lies between two major shear zones
- Potential 'jacking open' of the rotated area by secondary structures accommodating regional stresses
- Prime setting for orogenic gold deposits.
- Shear zone truncate mag trends and cut all rock units
- Gold bearing units mapped on both sides of the Enterprise mag low and around its edges



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### Structural Model - Enterprise

- Observed geometries can be explained by Riedel shears developed in a regional scale fault zone.
- Open space created in numerous directions to accommodate regional shearing ~ 5km<sup>2</sup> implied area
- Spaces (faults) are potential fluid pathways for mineralization
- Classic setting of orogenic gold deposits worldwide (see inset text)
- All Meliadine ounces are within 1km or the major Pyke Fault. Generally true of other deposits worldwide

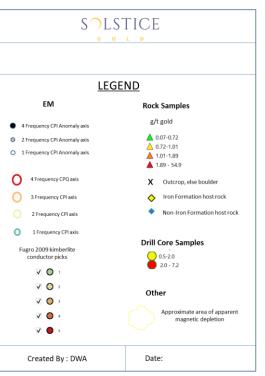
\*Source: JPB "Tectonics – Strike Slip Faults" ETH Zurich, 2017, pg175, https://www.files.ethz.ch/structuralgeology/JPB/files/English/5wrench.pdf, accessed 2019-07-22

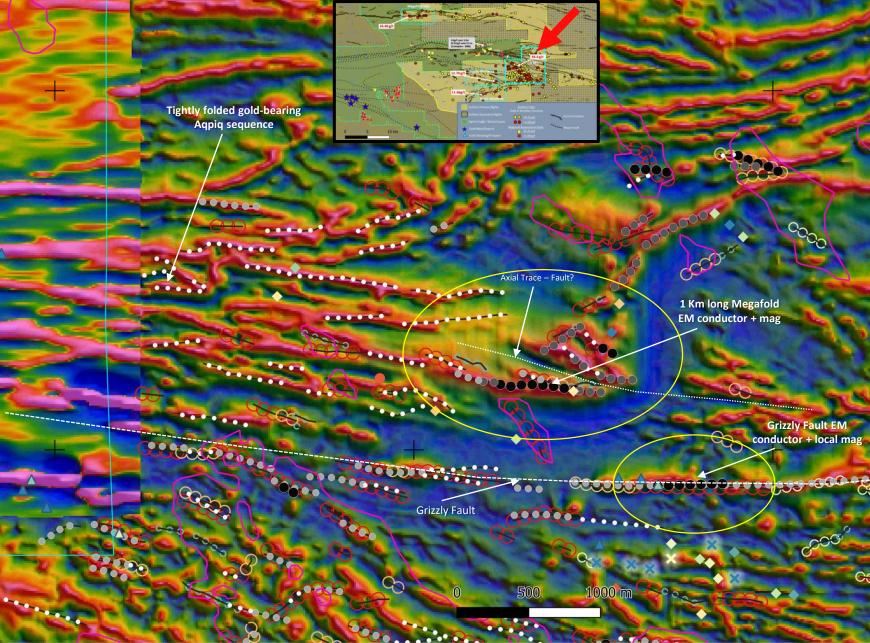


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## Megafold and Grizzly Targets (2VD magnetics base)

- Known gold-bearing sequence trends onto property with 3+km strike length.
- Strong conductor at Megafold associated with large fold repeat.
- Grizzly fault possibly traces major synform.
- Local well developed conductor and discontinuous mag.

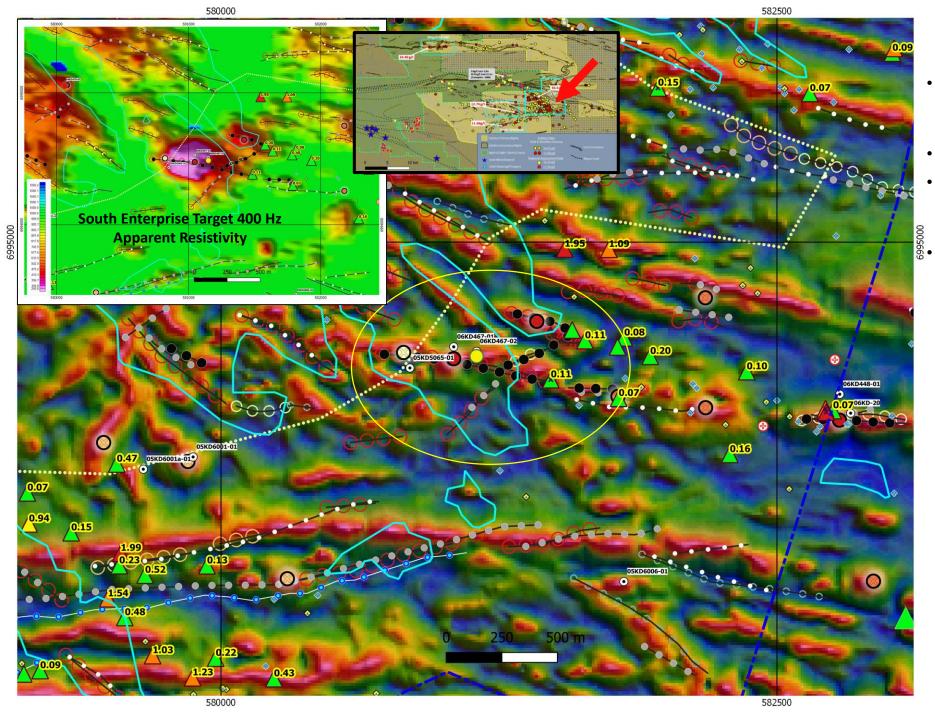




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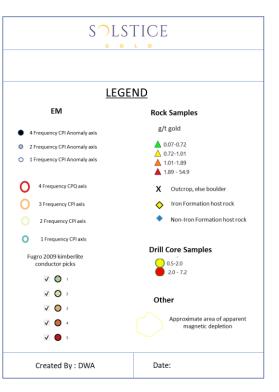
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#### South Enterprise Drill Target

- Mapped gold-bearing iron formations trend westwards into 1.2 km–long strong EM anomaly.
- Likely folded.
- Isolated kimberlite picks are more likely part of more extensive stratabound target (see sections).
- Three short historical holes. One drilled to south of target, others fail to test the target (see sections. Next slides).



## THE OPPORTUNITY

- Drilling in progress
- Located in a safe political jurisdiction Nunavut.
- Exposure to high Canadian gold price
- Unrivalled access to large land position next to a major deposit on which we have discovered widespread gold.
- High priority Enterprise target in classic gold setting
- Technically skilled and successful exploration team carrying out high quality work.
- Short and medium term news flow
- Gold savvy shareholder base increasing positions: Management & Directors (5%), Northfield Capital (7%), Rob McEwen (5%), Kevin Reid (16%), Phoenix Gold (3%), Next 10 Shareholders/Brokers (43%).

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#### APPENDIX A – SELECTED ADDITIONAL TARGET AREAS

## WHAT IS THE TARGET?

- Meliadine-type iron formation associated gold deposit (part of orogenic or mesothermal class of deposit).
- Deposits can be large best example Homestake (~41 M oz past production) hence attractiveness as an exploration target.
- Can present good continuity due to association with laterally extensive iron formations.
- Key factors for large deposit potential\*:
  - ✓ First order regional scale, deep-seated structures or breaks, e.g. Cadillac Malartic
  - ✓ Regional structures often close to major volcanic/sedimentary boundaries or basins
  - ✓ Associated with late collisional and transpressional environments
  - ✓ Late timing of gold relative to complex structural history could be reworking of long-lived systems
  - $\checkmark\,$  Jogs in regional faults, second and third order faults, folding
  - ✓ Developed close to cratonic margins
  - ✓ Gold often associated with arsenopyrite.
- Local Meliadine factors:
  - Can be arsenopyrite-rich, associated with sulphidized iron formation but also hosted in sediments
  - Associated with splays and folds close to the regional Pyke Fault
  - Complex structural history, strong plunge control of orebodies
  - Deposits type respond to magnetics and EM, latter important in determining potential sulphides.

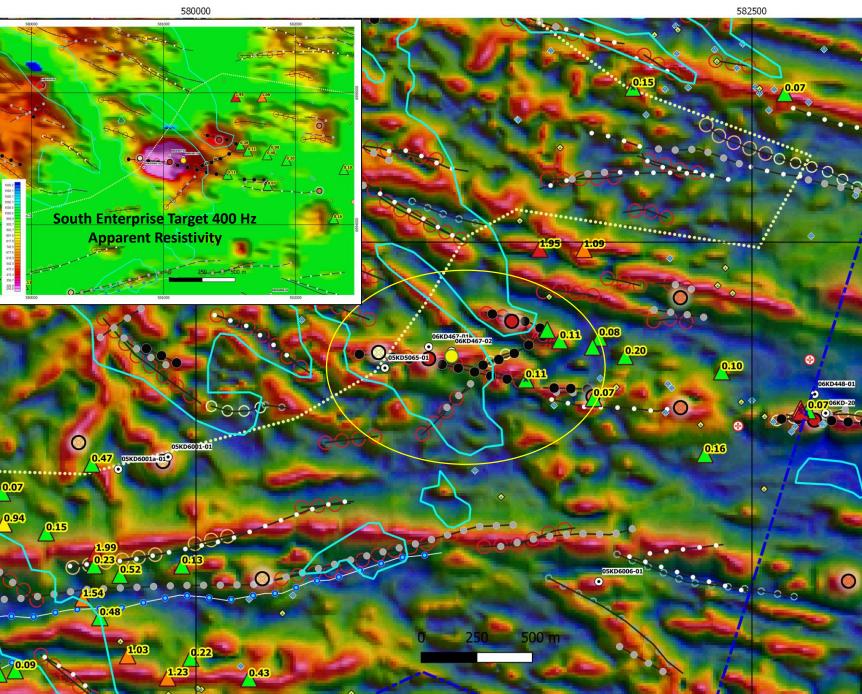
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### SUMMARY OF TARGETS



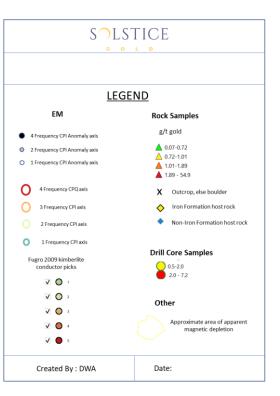
Target	Interpretation	Drilling
M1	2.3 km (unfolded) BIF in thickened fold nose. Hanging wall to RWFZ and interpreted to be on strike to Aqpiq gold occurrence (Agnico) which host up to 9.6g/t gold over 3.2 m. Recent 2019 mapping identified sedimentary rocks within 0.5km of the target in outcrop, confirming the interpretation. Strong magnetic and electromagnetic expression	
BIF I	Very strong EM conductor on all frequencies with coincident magnetic response at bend in stratigraphy of BIF I. Part of 6.7 km interpreted BIF unit supported by mapping immediately on strike to the east in 2019.	One hole to test strongly conductive body. Contingent follow up best done from ice.
BIF la	2.3km long NW trending portion of BIF I, part of 6.8km long inferred unit. Stratigraphy here is rotated through 20 degrees from the regional strike as part of a large rotated block (Enterprise Block). Two incomplete holes were completed by Kaminak in 2006*. Both holes intersected iron formation which, based on core-foliation data and inspection of photographs of core is up to 26 m minimum true thickness in one hole. Maximum gold of 7.2 g/t over 0.69 m in hole stopped in iron formation at 45 m depth. Local EM response.	the iron formation unit.
BIF II	North central part of the 7.5 km <sup>2</sup> rotated Enterprise block in a fault jog associated with the RWFZ. Beneath Enterprise Lake and core of a large associated magnetic low. Within 250 m and footwall to the 100 m+ wide RWFZ. Mapping in 2019 confirms that BIF is present in three units (I-III) on the east side of the lake and that these units reappear on the NW shore of the lake trending onto adjacent (Agnico) claims. It is considered likely therefore that the same units underlie the lake where they are both rotated and where they exhibit considerably lower magnetic signature.	presence of permissive stratigraphy and possible mineralization.
BIF-IV	Minimum 5 km long magnetic, east-west trending, variably magnetic trend with local conductivity. Occurs in close proximity to the regionally extensive Southern Splay Fault Zone which is located based on topographic and EM response. Forms approximate northern limit of, and thus the potential source of, extensive boulder train of elevated gold + /-Sb, Bi, Ag (As) in boulders and elevated gold in till samples <sup>**</sup> . No outcrop	of the unit.
BIF-V	Very variable magnetic 1.6 km long east-west trend parallel to BIF IV in potentially focused up ice portion of the gold- in-boulder train	Two holes testing magnetic low and high, respectively.
BIF-VI	Interpreted to be tightly folded iron formation occupying the hinge of the Westeros fold	One drill hole testing across the interpreted fold hinge.

\*Kaminak Gold Corp drilled and/or analyzed 459 metres of core in five holes on the project. One of the holes appears to have completely missed its target while the other four appear to have incompletely tested their targets. Three of these holes documented gold including hole KCF-01 which showed visible gold and bottomed in Iron formation but was shut down early due to technical issues. This hole was never followed up on. (For additional information see Kaminak Gold Corp news release dated June 6, 2006.



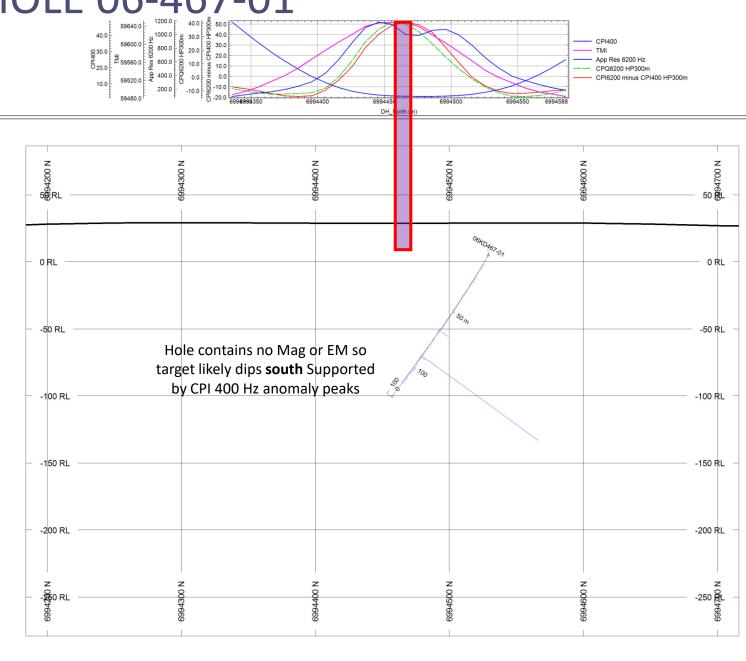
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   Three short historical holes. One drilled to
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### DRILL HOLE 06-467-01



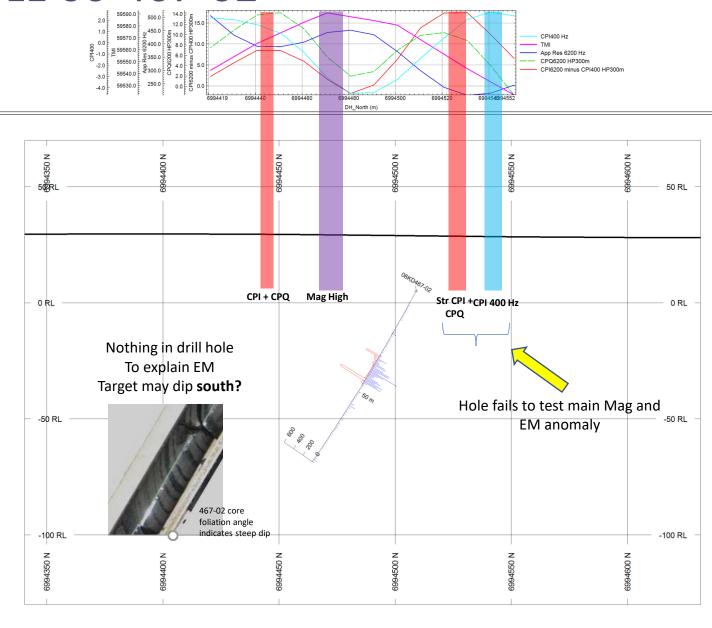
 Hole hit greywacke with nothing to explain strong magnetic and EM anomaly.

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- Target either near vertical or may dip south.
- Target is thus not tested by this drill hole.

### DRILL HOLE 06-467-02



 Follow up to the east hole oversteps main strong EM anomaly and thus cannot intersect it.

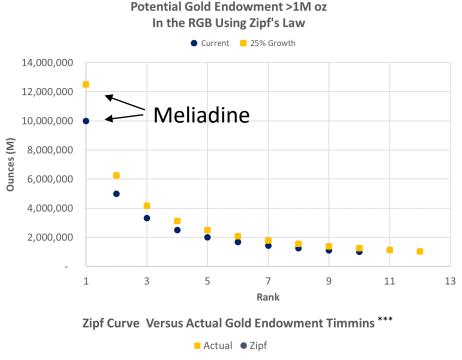
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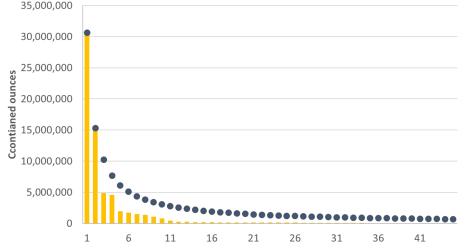
- May have explained, in part, the magnetic anomaly (which is gold-bearing – 0.62g/t over 0.6m and 0.87g/t over 0.5m).
- But would be an unusually flat north dip.
- Also does not explain second EM anomaly down hole.
- Entire section needs to be drilled to determine cause of strong EM.

## UNDISCOVERED OUNCES IN POTENTIAL GOLD DISTRIC

- Using Zipf's Law we can conservatively estimate the number of deposits >1 million ounces in the Rankin Gold Belt
- If we assume Meliadine is the largest deposit in the Belt at ~10mm ounces of Total Resources 9 more deposits to be found for a total of 19 million additional ounces.
- If we reasonably assume Meliadine has 25% growth in Total Resources over its lifetime 11 more deposits to be found for a total of 26 million additional ounces.
- The lower graph is the comparison of the estimate of the • endowment in the Timmins camp versus the known endowment.
  - Indicates a good correlation and indicates there is additional ٠ potential for gold discovery in the Timmins Gold Camp, the core of which is roughly 1/3 the size of the Kahuna Gold Project.\*
- Zipf's Law is a formula that can be used to predict a well established relationship between numbers in data sets. It has been shown to be an effective tool in predicting size and distribution of deposits in gold belts.\*\*

\*\*A Time-Series Audit of Zipf's Law as a Measure of Terrane Endowment and Maturity in Mineral Exploration Pietro Guj, Matthew Fallon, T. Campbell McCuaig, Robert Fagan Economic Geology (2011) 106 (2): 241-259.





<sup>\*\*\*</sup>Geology Ontario and company documents.

Rank

<sup>\*</sup>Estimate only and does not imply same geology or gold endowment.