

METALS THAT POWER THE FUTURE



FLYING NICKEL
Mining Corp.

(Soon to be CleanTech Vanadium Mining Corp.)

TSXV:FLYN / OTCQB:FLYNF

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September 4, 2024

Flying Nickel and Nevada Vanadium Complete Merger

- Flying Nickel Mining Corp. and Nevada Vanadium Mining Corp. ("Nevada Vanadium") completed previously announced plan of arrangement effective August 16, 2024 whereby Flying Nickel has acquired 100% of the issued and outstanding common shares of Nevada Vanadium (the "NVMC Shares") and Nevada Vanadium has become a wholly owned subsidiary of Flying Nickel.
- Pursuant to the Arrangement, Nevada Vanadium shareholders (the "NVMC Shareholders") received one common share of Flying Nickel (each whole share, a "Flying Nickel Share") for each NVMC Share held. In aggregate, Flying Nickel issued approximately 65,893,359 Flying Nickel Shares under the Arrangement.

Capital Structure (M = Millions)

Common Shares 154M

Warrants 18M (\$0.1 to 0.2)

Options 12M (\$0.1 to \$0.2)

Fully Diluted 184M

Major Shareholders

Oracle Commodity Holding (29%)

Norway House Cree Nation (11.4%)

Blackstone Minerals + Sparta (8.9%)

Flying Nickel Enters Agreement Sell Minago Assets to NHCN

- August 21, 2024 - Flying Nickel has entered into a definitive arrangement agreement (the "Arrangement Agreement") with Norway House Cree Nation ("NHCN") to sell its Minago Nickel project in Manitoba, Canada (the "Minago Assets") to NHCN for \$8,000,000 in cash and the surrender of 17,561,862 common shares of Flying Nickel ("Flying Nickel Shares") held by NHCN (the "Transaction") , by way of a statutory plan of arrangement (the "Arrangement"). The Flying Nickel Shares held by NHCN represent approximately 11.4% of the total issued and outstanding Flying Nickel Shares. The Purchaser has deposited \$500,000 in escrow in connection with the Arrangement.
- Details of the Arrangement and the special meeting to approve the Arrangement (the "Meeting") will be set out in Flying Nickel's management information circular and proxy statement which will be mailed to Flying Nickel shareholders. The Meeting is scheduled to be held on October 7, 2024 at 10:30 a.m. (Pacific Time).
- The Company is also proposing to be renamed to "CleanTech Vanadium Mining Corp." which requires approval of a special majority of 66 2/3% of the Flying Nickel shareholders present in person or represented by proxy at the Meeting. Additionally, the Name Change and the particular name chosen both remain subject to TSXV and regulatory approval.

OBJECTIVE: FIRST PRIMARY VANADIUM MINE IN USA

Avg 6 Lbs V₂O₅/ton

← GIBELLINI

Proposed pit outline

THE 35 MINERALS CRITICAL TO U.S. NATIONAL SECURITY

This draft list of minerals deemed essential to the economic and national security was released Feb 16, 2018



“our nation’s mission [is] to reduce our vulnerability to disruptions in the supply of critical minerals. Any shortage of these resources constitutes a strategic vulnerability for the security and prosperity of the United States.”

—Dr. Tim Pety, Assistant Secretary of the Interior for Water and Science

Flying Nickel (To Be Renamed CleanTech Vanadium Mining Corp.)

Gibellini location

Nearby Eureka in south Battle Mountain in Nevada,
#1 Mining Investment Destination by Fraser Institute

Permit status

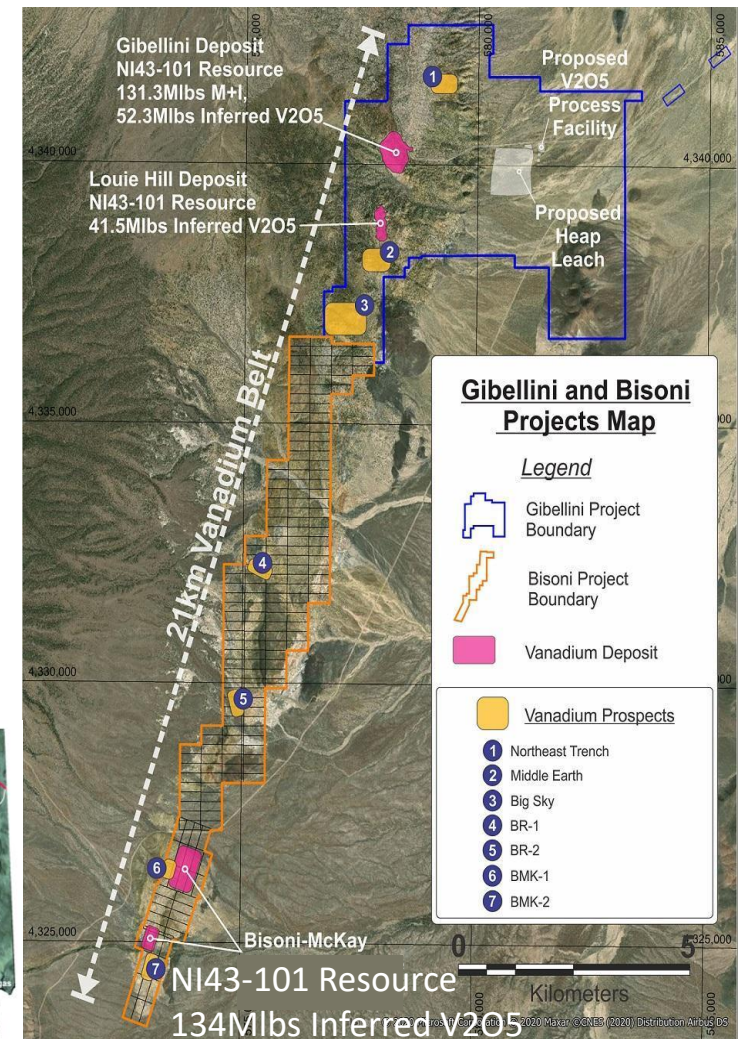
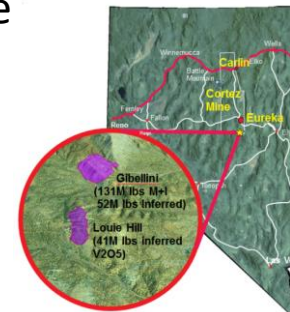
Positive EIS Record of Decision Received from BLM in
October 2023. Various state permits granted

Gibellini size

Claims stretch 21km, V2O5 127M lbs Measured and
Indicated, 195M lbs Inferred with (Gibellini 0.2 to 1)

Open pit, heap leach

Starter pit 0.2 strip, oxide and transition resource
Column testing 60%+ recovery via heap leach,
hydromet to produce 99%+ pure V2O5



Flying Nickel (To Be Renamed CleanTech Vanadium Mining Corp.)

Secured water and sage credits

Own ranch (3000 acres, 3km from mine), 2km from Gibellini
flow 4,000 gpm spring, developing, 2,500 sage grouse credits

Aim 1st North American vanadium mine

Feasibility in preparation, update from PEA (2019), FS (2011)

Gold Exploration Potential

Located near Eureka within Battle-Mountain trend,
surrounded by McEwen, I80 and others

Experienced management

Combined 150+ years of experience in operation, exploration,
environmental permitting

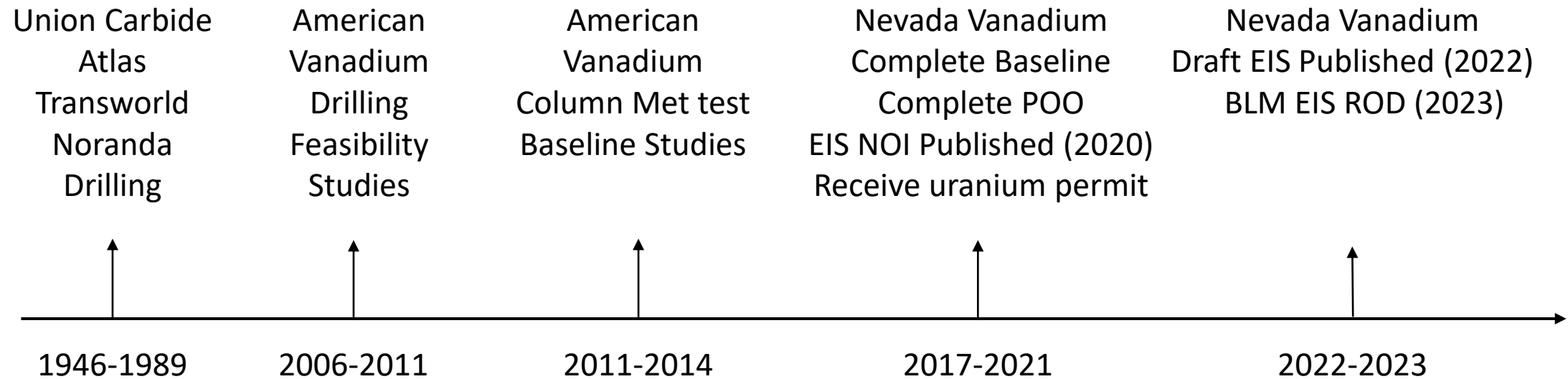


Outcrop at Gibellini (does not contain but similar in host lithologies and alteration style to enriched ores at Gold Rush below)



Gibellini Permit

- **Positive Record of Decision (ROD) received in October 2023 from Bureau of Land Management (BLM)**
- Project planning, stakeholder engagement to minimize environmental impacts.
- Front loads Baseline Reports, Plan of Operations prior to Notice of Intent (NOI)
- Up-front coordination between State (NDEP) and Federal (NEPA) by submittal of state permit applications.
- 100% powered by renewable energy : 6MW of solar panels and a 10MW vanadium flow battery

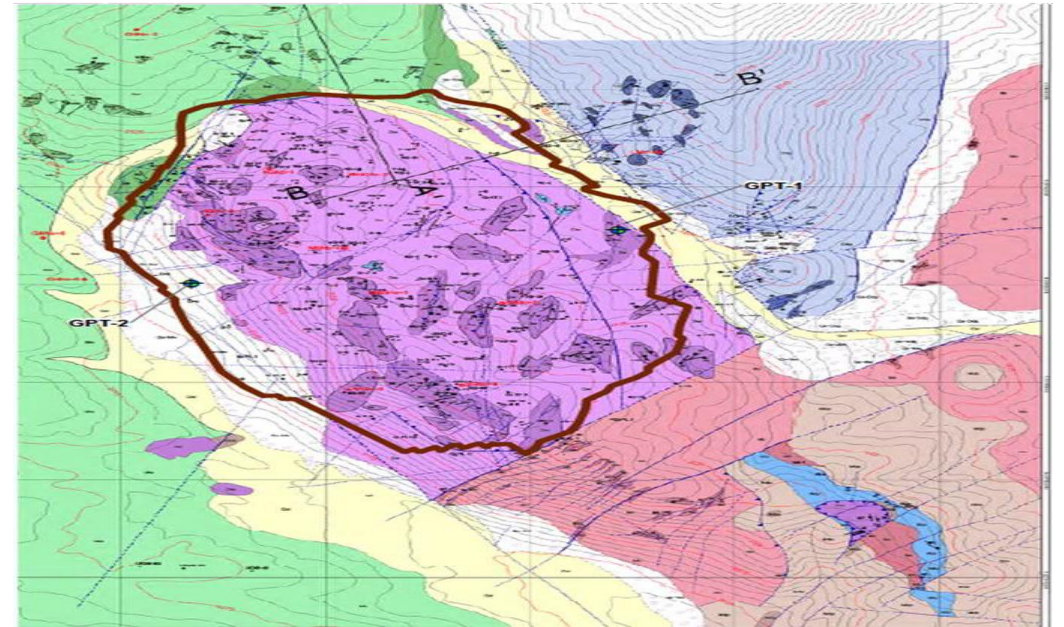






Gibellini Resource

Note surface outcrop of ore formation and classic layering of oxide, transitional and primary ore indicative of hydrothermal alteration

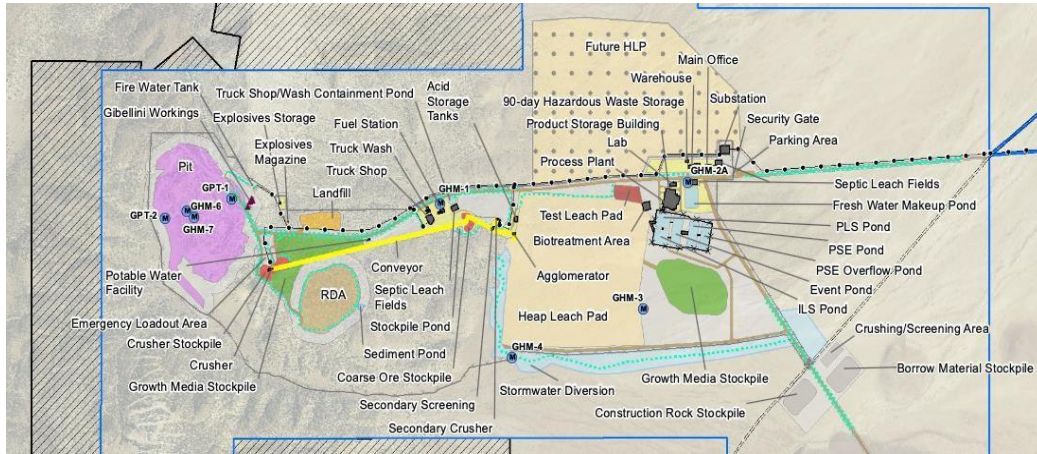
Deposit	Category	kTons	V2O5 %	V2O5 Mlb
Gibellini	M&I	21,300	0.298	127.1
	Inferred	4,010	0.206	16.6
Louie Hill	Inferred	6,790	0.29	39.4
Bisoni McKay	Inferred	20,720	0.336	139.2

The Qualified Person for the estimate is Mr. Todd Wakefield, RM, SME of Mine Technical Services. The report by Wood Plc has an effective date of September 27, 2023. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.

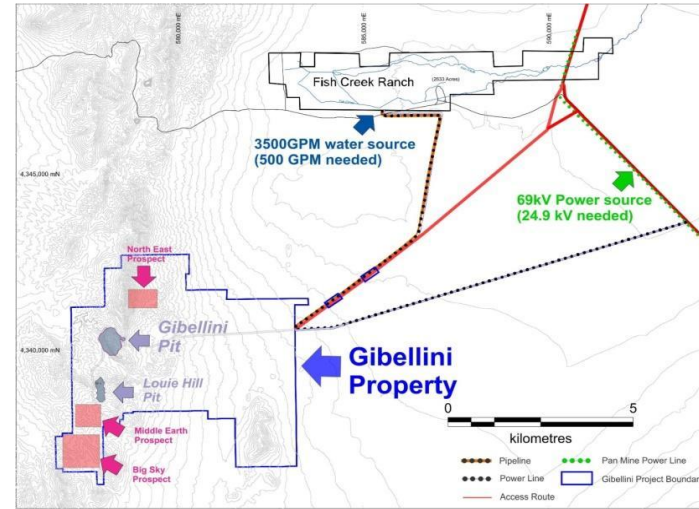


-  Qal - Quaternary alluvium, sandstone and rock debris
-  Qs - Scree, primarily limestone, mudstone conglomerate.
-  Bw - Devonian Woodruff Formation. siliceous mudstone, cherty siltstone and chert, dark brown to black where fresh, weathers to light gray, orange and brown pastel colors.
-  Dag/Dbs - Devils Gate Limestone/Bay State Dolomite, Devonian Limestone/dolomite, medium to thick bedded carbonate rocks mapped as single unit.

Gibellini Mine Plan with Own Ranch



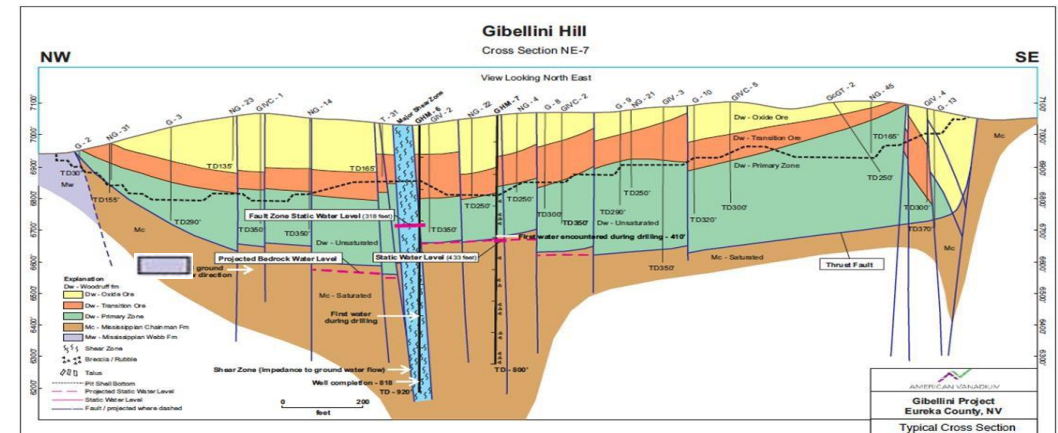
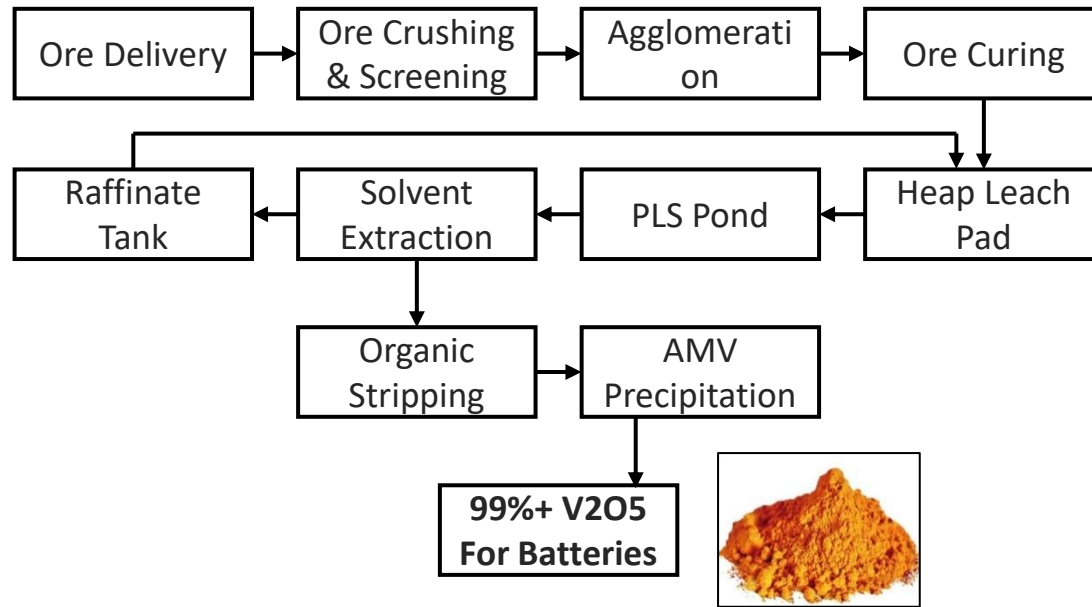
Water and Power Connection



Own 3,000 acre ranch water and sage grouse credits



Gibellini Metallurgy



- Oxide Ore,
- Transition Ore,
- Primary Ore,
- Mississippi Chainman Fm,
- Mississippi Webb Fm

Gibellini: oxides



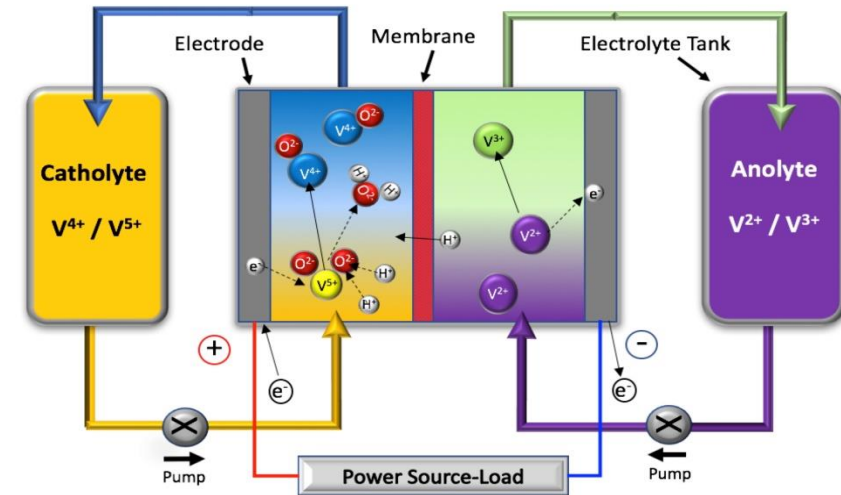
Carlin, reduced black shale



HoleID	From (m)	To (m)	Meters	%V2O5
T-38	3.05	45.72	42.7	0.755
NG-47	28.96	39.62	10.7	1.005
NG-12	24.38	45.72	21.3	0.857

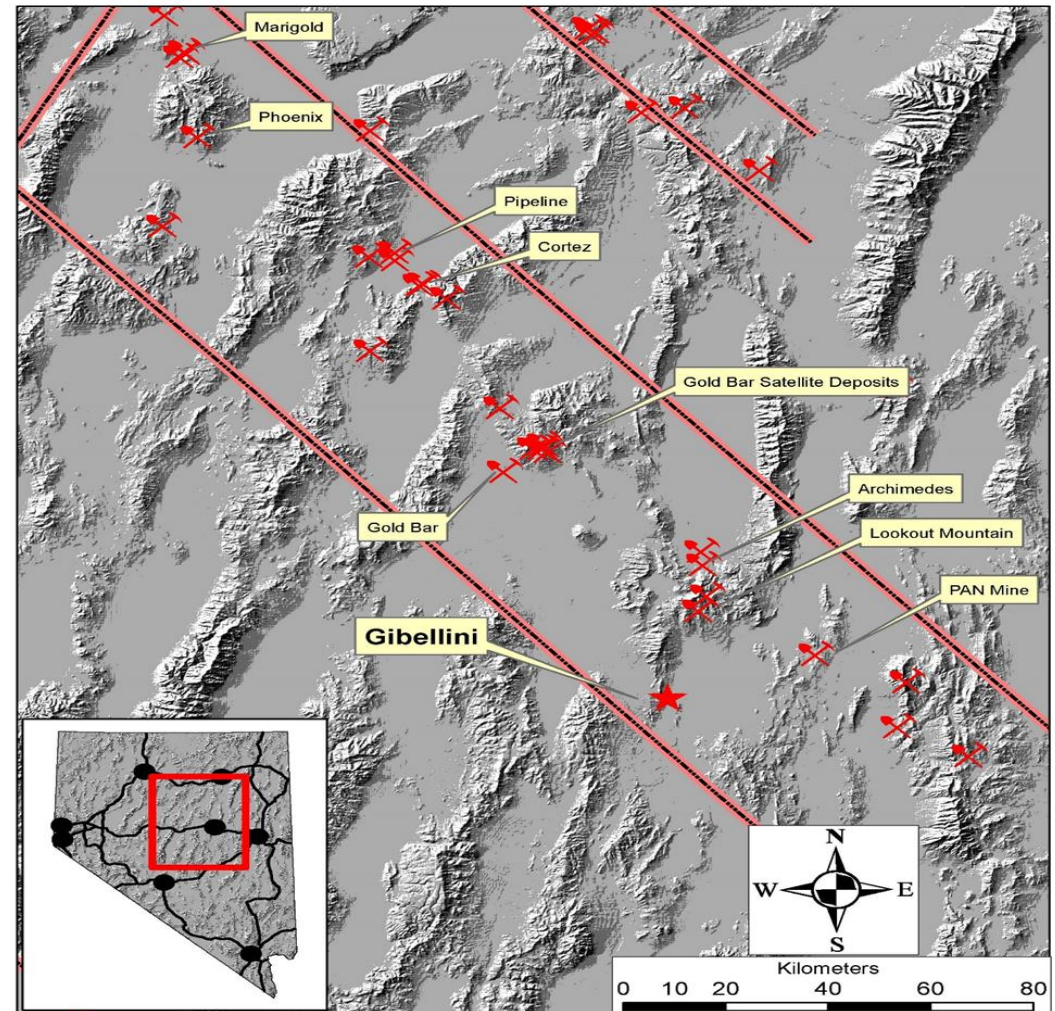
Vanadium, Coined “Miracle Metal” by Robert Friedland

- 0.5% vanadium reduces metal alloy weight by 30% and doubles tensile strength
- Extended use in steel rebar (construction), aerospace, chemicals
- Vanadium redox flow battery lasts 20 years without degradation
- VRB capacity exceeds 100MWh, used in utility with renewables

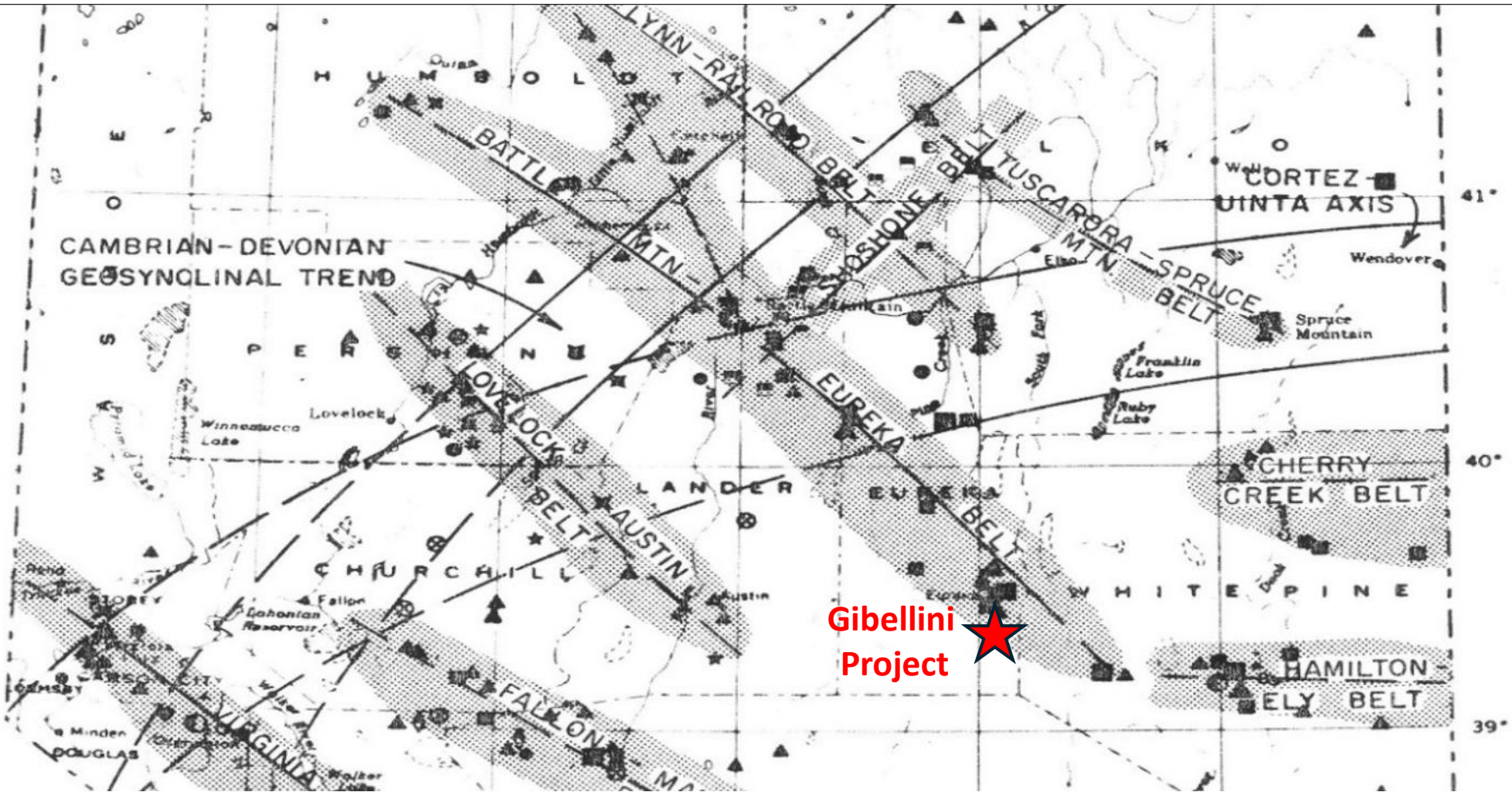


Gibellini - Gold Exploration Potential

- **Gibellini Location** - extension of Eureka District structural zone (Eureka-Battle Mountain gold trend) in southeastern Eureka County, Nevada
- **Geologic Potential** - favorable lithologies (Devils Gate Formation and the Devonian section) outcrop and surface. Hydrothermal alteration at surface and at depth (from limited historic drilling) is widespread, occurring over a 20 km strike length along known structure
- **Known Mineralization** - limited historical sampling has intersected anomalous gold and pathfinder values in drill-holes. This includes a 0.4 ppm Au intercept in hole GIV-3. To date, only 16 holes drilled at Gibellini project have been assayed for gold and silver, showing potential for new discoveries
- **Structural Setting** - several north-south striking structures with numerous cross faults similar in size and scope to mineralized structures in the Eureka District where Carbonate Replacement Deposit (CRD) base metal and gold systems co-exist. At the Gibellini mine, Manganese rich CRD style mineralization exists adjacent to the Vanadium mineralization.
- **Claim Status** - significant Claim Block of 21km in length along structural zone

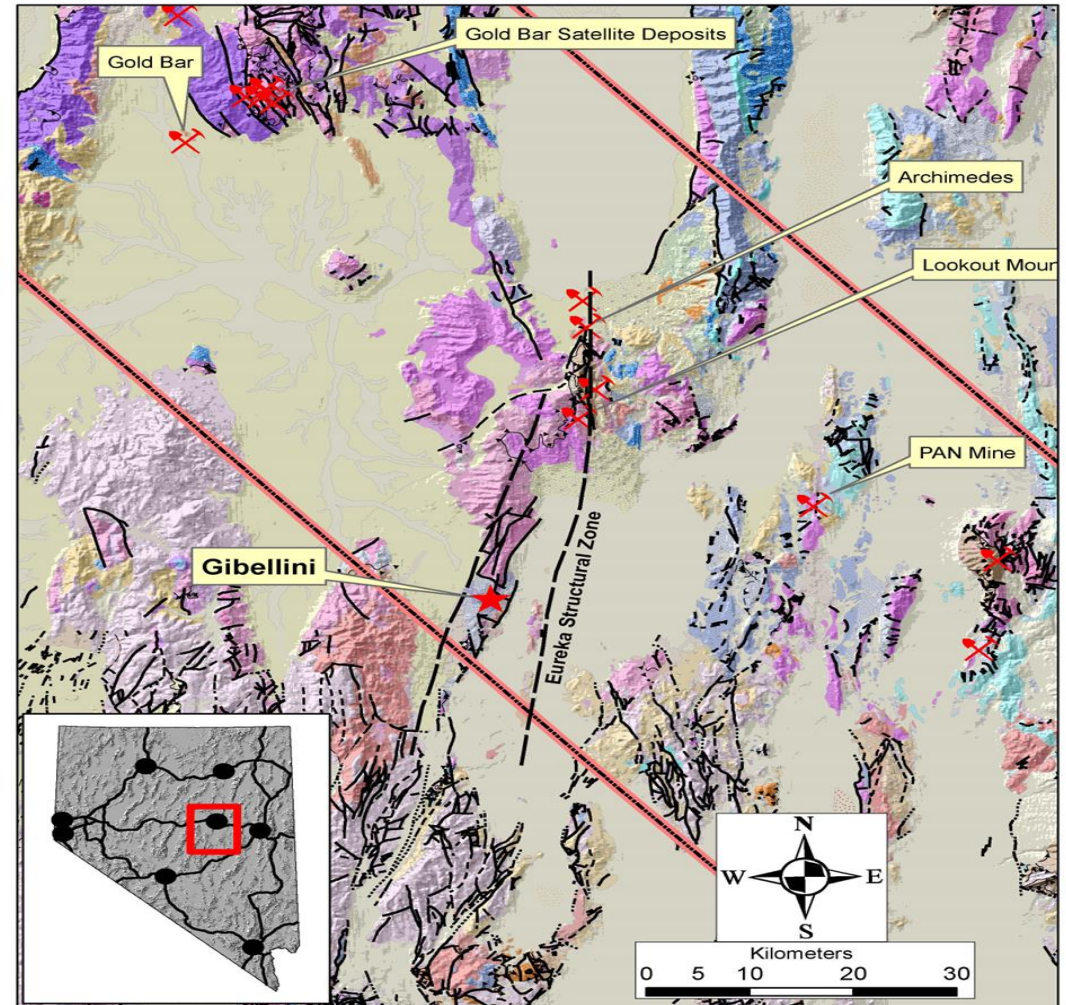


Gold Trends in Nevada



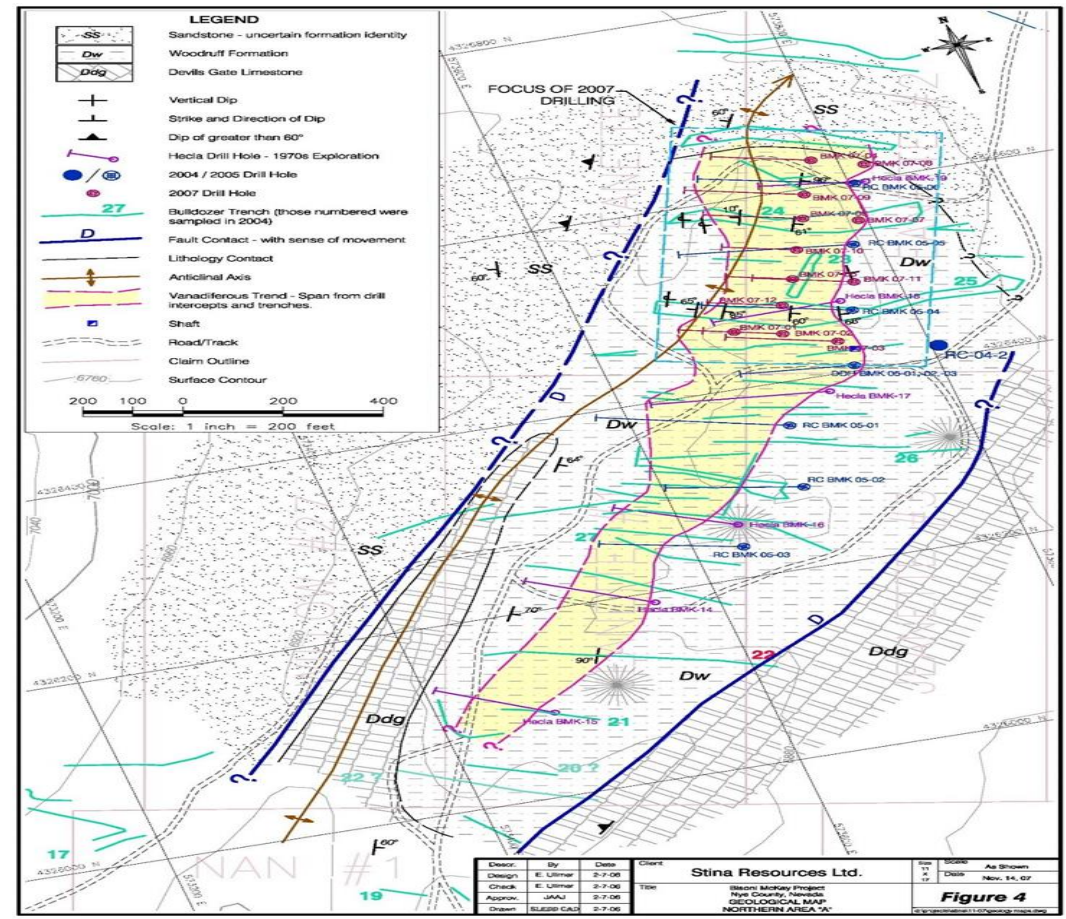
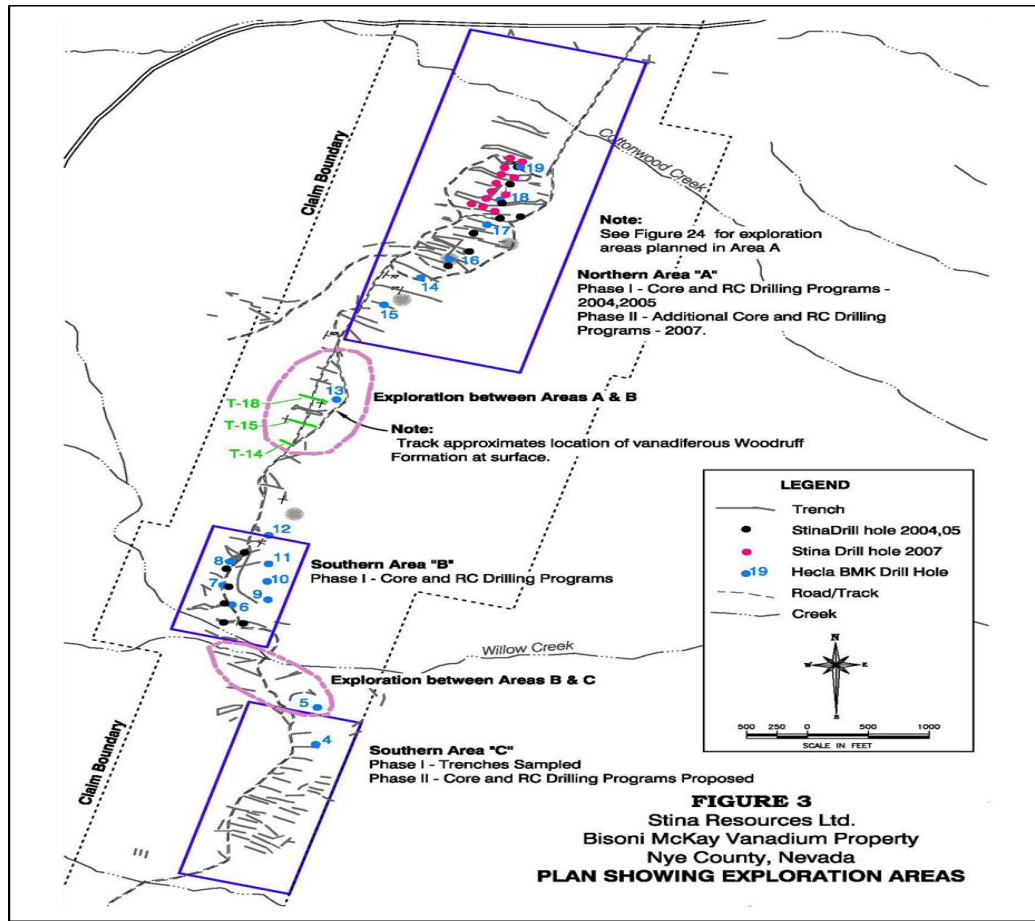
Characteristics of Carlin Type Gold Deposits

- Paleozoic-age (limey/silty) formations known to host other gold deposits in the Battle Mtn-Eureka gold belt.
- The presence of the Roberts Mtn. thrust. This is a major thrust belt which has acted as an aquitard or dam to mineralizing solutions in other major deposits. Gold solutions concentrate below the thrust.
- The presence of Eocene volcanic rocks is favorable. This is the same age as mineralization in the other major deposits and is evidence of the potential for a more deep-seated igneous “heat-engine” that drove the circulation of mineralized solutions.
- Limited geochemical sampling high in “indicator” elements.
- Oxidation of vanadium ore (extremely rare) is likely the result of exposure to hydrothermal fluids as oxidation pattern is analogous to hydrothermal alteration found in gold systems with oxidized ore found above water table (see cross section below).



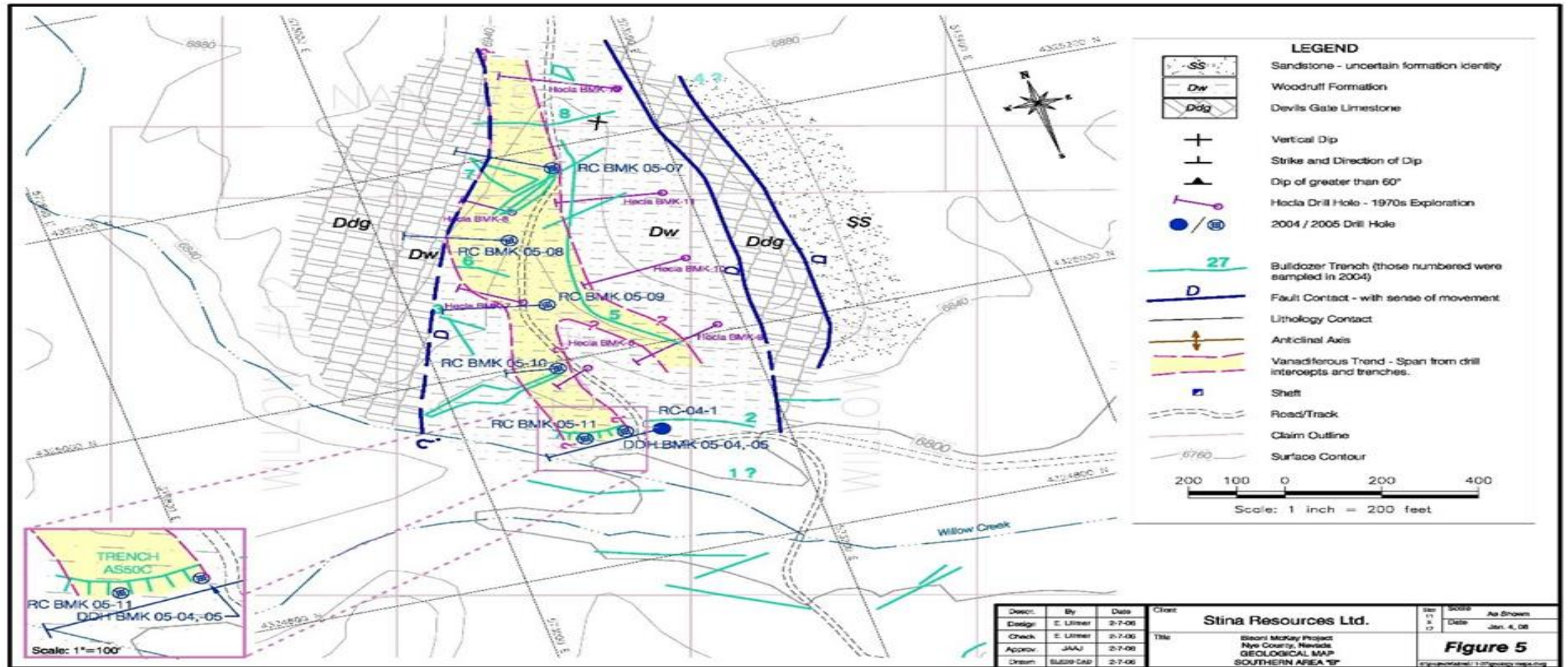
Gibellini - Bisoni McKay Exploration Zones incl. Bisoni North Zone (right)

- Distinct faulting in ore zones along the long axis of anticline with hydrothermal alteration pooling below limestone contact



Gibellini - Bisoni South Zone

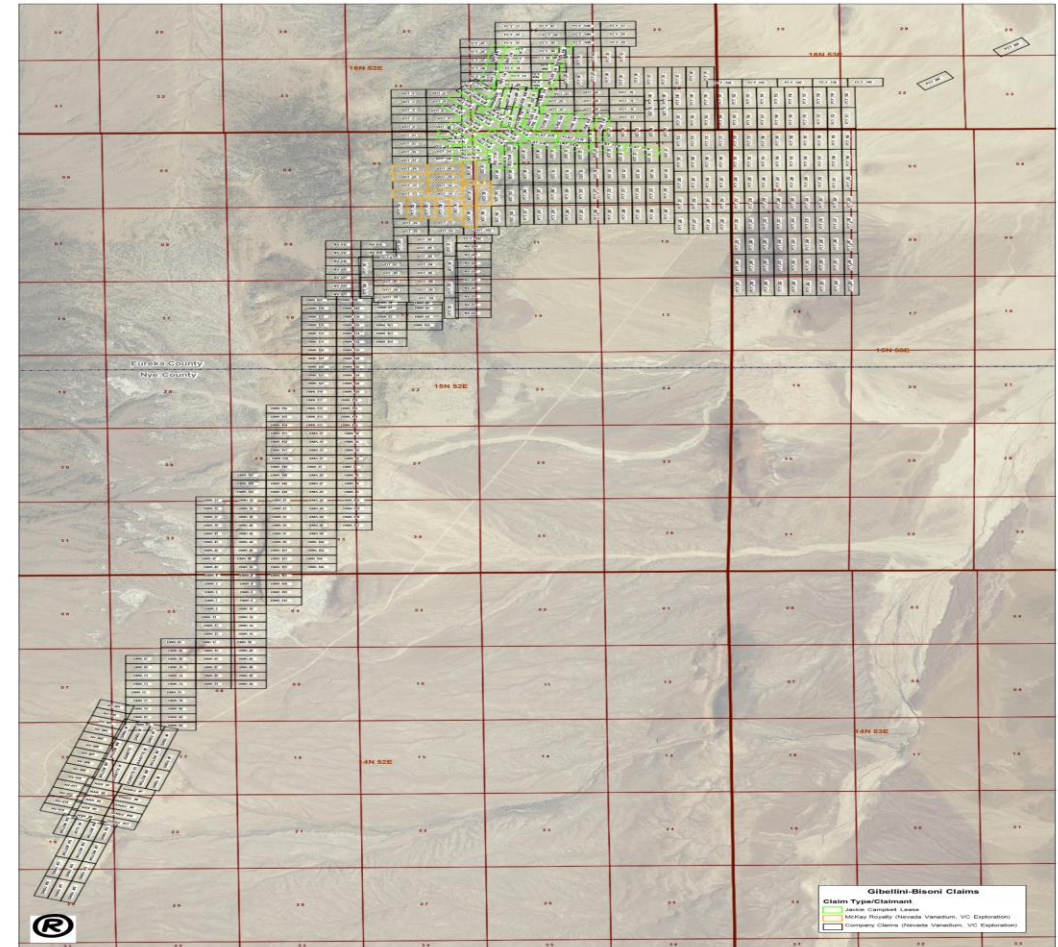
- Favorable formations (silty, limey, carbonaceous rocks) outcrop in Bisoni zone - complex high-angle faulting



Gibellini Gold Exploration Program

- Phase 1 - A field program includes:
 - Systematic compilation of all existing gold data into the Company's drillhole database
 - Field Reconnaissance focused on identifying and mapping all potential gold-bearing formations and structures
 - Property-wide rock outcrop and drainage sediment sampling
 - Detailed mapping and soil sampling of newly identified follow-up areas
 - Initial 3-D modelling of those areas with the goal of identifying gold drill-targets
 - Geophysics as appropriate
- Final Program Goal: Drill-Target Definition

- Gibellini claim block



Management

John Lee, CFA, CEO & Chairman - Specializes in M&A with 20 years experience in mining. Mr. Lee negotiated and financed Gibellini and Louie Hill purchase in 2017, and Bisoni purchase in 2020. Lee graduated from Rice University with bachelor's degrees in Economics and in Engineering.



Ron Espell, President - A highly regarded specialist in U.S. federal and Nevada state mine permitting, with over 30 years of experience in environmental management. Most recently led the permitting at McEwen Mining Gold Bar Mine, prior including 11 years at the Barrick Goldstrike mine.



Andrew Yau, CFO - 17-year merger and acquisition experience in the mining sector with strong IFRS and compliance knowledge. Mr. Yau, CPA, CGA, holds a bachelor of commerce and business administration degree and has been in accounting and finance roles with publicly listed companies since 2006.



Rob Van Drunen, COO - 30-year experience with Vale and Inco. Previously Mine Manager of Thompson Operation. Experienced in optimizing mine operation, exploration, supply chain, and contract management. Mr. Van Drunen holds a Masters Certificate in Project Management from York University.



Board of Directors

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Greg Hall, Director - Director of several public companies since 2003. Currently Mr. Hall is President and Director of Water Street Assets, Director of CanX CBD Processing and a Member of the Institute of Corporate Directors. Mr. Hall is a graduate of the Rotman School of Management, University of Toronto, SME Enterprise Board Program, and a Member of the Institute of Corporate Directors.



Masa Igata, Director - Mr. Igata has more than 35 years experience working in Asian financial markets. Previously, he was managing director at Nikko Citigroup with a leading role in Japanese equity sales and investor relations. Mr. Igata has been advising and investing in resource companies in Asia in the last 30 years and now focuses in North America as well. Mr. Igata received his graduate of law from Kyoto University and is a member of the Securities Analysts Association of Japan.



Neil Duboff, Director - Neil Duboff is the managing partner of Duboff Edwards Schachter Law Corporation, specializing in business transactions, corporate structuring, and Aboriginal law. He holds a B.A. in Economics and a Bachelor of Laws from the University of Manitoba.



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