EMERGING BATTERY-GRADE MANGANESE OPPORTUNITY

GYAN

INVESTOR PRESENTATION - NOVEMBER 2018

FORWARD LOOKING-STATEMENTS



This presentation contains forward-looking statements and factual information that are current as of the date the presentation was originally delivered. When used in this presentation, words such as "may", "would", "could", "will", "expect", "anticipate", "estimate", "believe", "contemplate", "intend", "budget" "plan" and other similar expressions are intended to identify forward-looking statements. Forward-looking statements include, but are not limited to, statements with respect to the timing and amount of estimated future exploration, success of exploration activities, expenditures, permitting, and requirements for additional capital and access to data. Forward-looking statements involve known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of Giyani Metals Corp. (the "Company") to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Such factors include, among others, risks related to actual results of current exploration activities; changes in project parameters as plans continue to be refined; the ability to enter into joint ventures or to acquire or dispose of properties; future prices of commodities; fluctuations in currency markets; operating or technical difficulties in relation to the speculative nature of exploration and development; accidents, employee relations (including labour disputes) and other risks of the gold industry; ability to obtain financing; changes in costs and estimates associated with the Company's projects; legislative, political or economic developments in the jurisdictions in which the Company carries on business; requirements for additional capital; and regulatory restrictions including delays in obtaining governmental approvals. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or expected. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise except as required by applicable law.

OPERATIONAL UPDATE



- MAIDEN RESOURCE ESTIMATE FOR K.HILL
- HYDROMETALLURGICAL STUDIES FOR BATTERY PRODUCTS
- STOCKPILES OF MANGANESE ORE FROM OLD MINING OPERATION
- ENVIRONMENTAL MANAGEMENT PLANS FOR K.HILL AND OTSE
- MINERAL PROCESSING
- ON-GOING OFF-TAKE DISCUSSIONS
- COMMENCE PEA (PRELIMINARY ECONOMIC ASSESSMENT)- FIRST ECONOMIC EVALUATION

THE ASSETS

- 88-100% INTEREST IN AN EXTENSIVE LAND PACKAGE COVERING 8,135 SQUARE KILOMETERS IN SOUTHEASTERN BOTSWANA
- SEVERAL BATTERY-GRADE MANGANESE OCCURRENCES WHICH PROVIDES GIYANI WITH A PIPELINE OF MULTIPLE PROJECTS TO COLLECTIVELY FORM A LARGE-SCALE RESOURCE
- CLOSE PROXIMITY TO THE TOWNS OF KANYE, OTSE, AND LOBATSE WITH ACCESS TO GOOD INFRASTRUCTURE, RAIL AND ROAD SYSTEMS, WATER AND ELECTRICITY
- OPTIONS TO SHIP OUT OF 5 SEAPORTS ACCESSIBLE VIA RAIL NETWORKS AND STRATEGICALLY LOCATED FOR COST EFFECTIVE SHIPPING TO CHINA AND INDIA
- BOTSWANA IS ONE OF THE MOST ATTRACTIVE AFRICAN JURISDICTIONS SUPPORTING MINING OPERATIONS WITH FAVORABLE TAX REGULATIONS AND EFFICIENT GOVERNMENT PROCESSES





G YANI METALS CORP.

RESOURCE ESTIMATE

- TWO MANGANESE SHALE HORIZONS. ONE AT THE TOP OF THE STRATIGRAPHY AND A SECOND A T FURTHER DOWN THE STRATIGRAPHY - CLOSE TO THE FELSITE.
- THE MN-SHALE APPEARS TO REPRESENT PRIMARY MANGANESE DEPOSITION IN A SHALLOW MARINE BASIN
- THERE IS CLEAR EVIDENCE OF UPGRADING BY MEANS OF SUPERGENE ENRICHMENT DUE TO THE FACT THAT ONLY M_N OXIDE MINEROLOGY HAS BEEN FOUND



RESOURCE ESTIMATE





- ESTIMATES IN THE ENTIRE TOP MANGANESE SHALE
- CONSISTENT GRADE AROUND 20% (ABOVE THE GRADE REQUIRED TO MAKE EMM)

K-Hill Inferred Mineral Resource Grade-Tonnage Table						
Cut-Off Grade	Tonnes	MnO	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	LOI
MnO %	(Millions)	%	%	%	%	%
18	1.1	31.2	8.9	26.3	16.9	8.8
20	1.1	31.2	8.9	26.2	16.9	8.9
25	1.1	31.5	9.0	25.6	17.1	8.9
30	0.6	35.0	8.1	22.7	17.0	9.3

HYDROMETALLURGICAL TESTING



- STAGE 1 INCLUDED OPTICAL AND ELECTRON PROBE WORK THAT IDENTIFIED THE VALUABLE AND WASTE MINERALS, THE PARTICLE SIZES, AND THE APPROXIMATE GRIND SIZES REQUIRED FOR LIBERATION TO EXPOSURE.
- STAGE 2 INCLUDED TESTS ON THE LEACHING OF VARIOUS SAMPLES TO DETERMINE THE CHEMISTRY, AND RESIDENCE TIMES REQUIRED TO DISSOLVE THE M_N AS THE FIRST STAGE OF A HYDROMETALLURGICAL PROCESS. THE GRIND SIZE WAS BASED ON THE RESULTS OF STAGE 1.
- Size Reduction Leaching Extraction Electro-Chem

Run-of-Mine

THIS INITIAL TEST WORK INDICATES THAT THE MOST DIFFICULT STEP OF THE PROCESS (THE EXTRACTION OF THE M_N UNITS FROM THE ORE) IS ACHIEVABLE

• STAGE 3 TO COMMENCE IN Q4 2018

Overall manganese processing circuit

STOCKPILES OF OLD ORE



- K.HILL STOCKPILES ESTIMATE ~ 25K TONNES
- OTSE STOCKPILES ESTIMATE ~ 2K TONNES
- POTENTIAL ADDITIONAL STOCKPILES FROM ENVIRONMENTAL CLEANUP ~ 40K TONNES
- SALEABLE PRODUCTS AFTER BASIC PROCESSING TO UPGRADE THE STOCKPILES TO 37-41% M_N. THREE PRODUCTS IDENTIFIED:
 - 1- 10X30 CHIP
 - 2- 30X70 LUMP
 - 3- SINTER FINES





DSO FLOW SHEET



STOCKPILES LOCATIONS





GPS Marked locations of K.Hill piles

GPS Marked locations of Otse piles

SAMPLE PILES





ENVIRONMENT MANAGEMENT PLAN (EMP)





Existing shaft at K.Hill



Current state of Otse pit

- EMPS SUBMITTED TO THE DEPARTMENT OF ENVIRONMENTAL AFFAIRS TO REHABILITATE THE K.HILL AND OTSE SITES
- REHABILITATION AND ENVIRONMENTAL CLEAN-UP WORK PLANNED FOR THE TWO SITES
- RESULTING MATERIAL WILL BE UPGRADED TO A SALEABLE PRODUCT THROUGH BASIC ONSITE MINERAL PROCESSING

PROPOSED BENCH DESIGN FOR OTSE





Otse Quarry

Otse Quarry Bench Layout

Otse Quarry Schematic Bench L

SX/EW TO EMM: SIMPLE, AND ECONOMIC PROCESSING



- THE TYPICAL HYDROMETALLURGICAL METHOD OF PROCESSING MANGANESE INVOLVES LEACHING, AND PURIFICATION
- LEACHING IS THE DISSOLUTION OF THE MANGANESE MINERALS INTO A SOLUTION BY THE USE OF ACID OR BASE
- PURIFICATION INVOLVES THE REMOVAL OF OTHER METALS AND THE CONCENTRATION OF THE MANGANESE IN THE SOLUTION, USUALLY, BY SELECTIVE PRECIPITATION, CEMENTATION, SOLVENT EXTRACTION OR ION EXCHANGE
- THE PRODUCT IS THEN WASHED TO REMOVE RESIDUAL CHEMICALS, RESULTING IN MANGANESE METAL

OFF-TAKE PROGRESS



- ON-GOING DISCUSSIONS WITH MULTIPLE POTENTIAL OFF-TAKE PARTNERS
 - TRAXYS
 - GLENCORE
 - GUNVOR
 - SMALLER TRADERS
- SPECS AND PRICING MODELS REVIEWED
 - GIYANI IS DESIGNING THE HIGHEST VALUE PRODUCT SPEC GIVEN THE KNOWN SPECS OF THE SURFACE MATERIAL AT K.HILL AND THE BULK SAMPLE MATERIAL TO BE COLLECTED FROM OTSE
 - K.HILL MATERIAL WILL BE DIVIDED INTO TWO PRODUCTS, MEDIUM GRADE CHIP MATERIAL AND SINTER FINES
 - OTSE WILL TARGET HIGH GRADE DSO (DIRECT SHIPPING ORE) LUMP MATERIAL



PLANS AHEAD





ESSENTIAL ATTRIBUTES OF A SUCCESSFUL MINE



GIYANI'S KANYE MANGANESE PROJECT HAS ALL OF THE ATTRIBUTES OF A SUCCESSFUL MINE



MANAGEMENT

EXPERIENCED MANAGEMENT TEAM ENSURES FULL POTENTIAL IS REALIZED

JURISDICTION

MATURE MINING CULTURE, STABLE POLITICAL SYSTEM, GOOD INFRASTRUCTURE, AND FAVOURABLE TAX REGULATIONS AND BUSINESS ENVIRONMENT

METALLURGY

HIGH OXIDISATION OF ORE COMBINED WITH LOW LEVELS OF CARBONATES AND OTHER METAL IONS MAKE THE K-HILL ORE IDEALLY SUITED TO THE CATHODE MARKET

INFRASTRUCTURE

CLOSE TO INT'L AIRPORT, MAJOR CITY, ROAD AND RAIL NETWORKS, AND WATER & POWER SOURCES

MARKET DEMAND

BATTERY ELECTRIC VEHICLE MARKET FORECASTED TO EXPERIENCE EXPONENTIAL GROWTH FUELING DEMAND FOR CATHODE MATERIAL

SUMMARY & INVESTMENT OPPORTUNITY



- MAIDEN RESOURCE ESTIMATE COMPLETED FOR THE K.HILL PROSPECT
- EASY TO MINE WITH RELATIVELY LOW CAPEX REQUIREMENTS TO GET TO PRODUCTION
- HYDROMETALLURGY INDICATES K.HILL MANGANESE AMENABLE TO BATTERY MAKING
- HEALTHY EMM MARGINS IN A HIGH-GROWTH BATTERY ELECTRIC VEHICLE MARKET
- EXPANDED BOARD WITH EXTENSIVE EXPERIENCE IN MINING AND PUBLIC COMPANIES
- FAVOURABLE MINING JURISDICTION AND SUPPORTIVE GOVERNMENT ENTITIES
- UPSIDE FOR A PROJECT GENERATIVE MODEL WITH MULTIPLE MANGANESE OCCURRENCES THROUGHOUT GIYANI'S PROPERTY
- MULTIPLE OFF-TAKE OPTIONS TO EXPLOIT EXISTING STOCKPILES AND GENERATE CASHFLOW PRIOR TO FULL MINING
- NEAR-TERM PRODUCTION OPPORTUNITY
- ADDITIONAL ASSETS INCLUDE 45% INTEREST IN ROCK ISLAND GOLD PROJECT IN SOUTH AFRICA (~\$2M)* AND 20% INTEREST IN CANOE MINING VENTURES CORP (~\$1.8M)**

^{*} Estimated by 3rd party accounting firm

^{**} As of February.12.2018

BUSINESS GROWTH STRATEGY



- ORGANIC GROWTH
 - ACCELERATING THE K.HILL PROJECT INTO PRODUCTION
 - DEVELOPING THE OTSE AND LOBATSE PROSPECTS
 - EXPLORING THE REST OF THE KANYE PROJECT LICENCE AREA
- GROWTH BY ACQUISITIONS
 - ACQUIRING UNDERVALUED MANGANESE PROJECTS IN SOUTHERN AFRICA
 - DE-RISKING NEW ACQUISITIONS
 - BUILDING A LARGE, INDEPENDENT MULTI-COUNTRY MANGANESE
 DEVELOPMENT COMPANY THROUGH CONSOLIDATION

MANAGEMENT



Mr. Robin Birchall brings more than eighteen years of experience in the financing and management of resource companies, most recently as the Executive Chairman of Silver Bear Resources and CEO of a private E&P company as well as V.P. Investment and Corporate Banking with BMO Capital Markets. Mr. Birchall earned an MBA from the University of Cape Town, a Msc in European and International Politics from Edinburgh University, a Première Degré en Langues Literature et Civilisation, from Stendahl Université and a BA from Queens University.

CEO - DIRECTOR



WAJD BOUBOU

Mr. Wajd Boubou is an experienced executive with a 26-year history of achievements in the Oil & Gas and Telecommunications industries. Skilled in Operations Management, People and Financial Management, Complex Contract Negotiations, and Business Strategy. Mr. Boubou held various leadership positions in multinational conglomerates, including Schlumberger and Cisco Systems. He holds a bachelor's degree in Electrical Engineering and MBA from the University of Strathclyde in the UK.

PRESIDENT



DAN CRANDALL

Mr. Daniel Crandall is a Senior Manager at Marrelli Support Services Inc. possessing over 10 years of experience working with public companies. He specializes in providing Chief Financial Officer, accounting, regulatory compliance, and management advisory services to numerous issuers on the TSX, TSX-Venture, CSE and other international exchanges. Dan is a CPA, CA and has an Honours Bachelor of Accounting (Co-op) degree from Brock University. Previously, he was a Manager at Collins Barrow Toronto LLP, a public accounting firm where he worked for over five years.

CFO

BOARD OF DIRECTORS





JONATHAN HENRY

Mr. Henry has over 20 years'

experience in the mining

industry, successfully executing

on exploration, development,

operational and M&A activities.

Mr. Henry was the President

and CEO Gabriel Resources.

and the CEO of Avocet Mining,

a London listed gold mining

company.

EUGENE LEE

Mr. Lee is a mining finance

professional with experience

in capital markets, financial

reporting, risk management,

internal controls and

corporate governance.

Mr. Petersen is a lawyer, a

CPA and global thought

leader on energy and

sustainability issues. He

currently serves as Executive

VP of ePower Engine Systems.

MICHAEL JONES

Mr. Jones is a Professional

Mining Engineer who held

various mine management

roles for 13 years working at

Gencor, De Beers,

Debswana and as

Consulting Mining Engineer

for Iscor.

SCOTT BREARD

Mr. Breard is a marketing professional with significant experience in start-ups and rebranding. He has

consulted for many Fortune

500 companies.

Mr. Robin Birchall brings more than eighteen years of experience in the financing and management of resource companies, most recently as the Executive Chairman of Silver Bear Resources and CEO of a private E&P company.

CHAIRMAN DIRECTOR DIRECTOR DIRECTOR DIRECTOR CEO-DIRECTO						
	CHAIRMAN	DIRECTOR	DIRECTOR	DIRECTOR	DIRECTOR	CEO - DIRECTOR

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TSXV:WDG

GERMANY: A2DUU8

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Giyani is a publicly trading, vertically integrated, well managed junior resource company focused on building a superior hybrid mining company to supply raw materials needed for the fast growing global battery technology industry.



SHARE STRUCTURE



-			John -	1
	Symbol	TSXV: WDG	■ [CATEGO RY	■ [CATEGO ■ [CATEGO RY RY NAME1 NAME1
2.0	Share Price*	C\$0.16	[PERCEN	[PERCEN [PERCEN TAGE] TAGE]
	Basic Shares	81,779,628		Capital 1%
	Warrants	3,761,665		
Concession of the	Options	8,100,000		
	FD Shares	93,641,293	■ [CATEGO RY	ATE
4	Market Capitalization	C\$13.08 million	NAME] [PERCEN TAGE]	
and the second			IAJOR SHAREHOLDERS	



MANGANESE IN BATTERIES



- MANGANESE IS REQUIRED TO MAKE CATHODES FOR TWO OF THE MOST PROMINENT LITHIUM-ION BATTERY CHEMISTRIES, NICKEL-MANGANESE-COBALT (NMC) AND LITHIUM-MANGANESE-OXIDE (LMO)
- MANGANESE IS ALSO USED AS A DEPOLARIZER IN DRY-CELL BATTERIES
- HIGH PURITY ELECTROLYTIC MANGANESE METAL (EMM) AND ELECTROLYTIC MANGANESE DIOXIDE (EMD) ARE PRODUCED ESPECIALLY FOR THE BATTERY MARKET
- TOTAL DEMAND FOR MANGANESE FROM LITHIUM-ION BATTERIES WAS 21,000 MT IN 2017.
- MARKET RESEARCH FIRM ROSKILL FORECASTS THIS MANGANESE DEMAND FROM BATTERIES TO BE AROUND 163,000 MT IN 2027

^{*} Source: Bloomberg New Energy Finance 2018

EMM / EMD GLOBAL PRODUCTION







99.7% EMM Prices - US\$ MANGANESE ORE (37% Mn) PRICES US \$/dMtu 3500 9.0 8.0 3000 7.0 6.0 2500 5.0 2000 4.0 3.0 1500 2.0 1.0 1000 11.1000 1.12.00 17-12:08 1802.08 0.0 16.04.08 18.04.08 10.00.08 1000000 18-02-08 × 1800 1800 180 16.04.08 16-06-08 1,01,2,08 1.08.08 18:04:08 1.02.08 00.08 00.08 × 1800 180000

SOURCE: METAL BULLETIN

EMM / M_N PRICES

BATTERY CHEMISTRIES



THERE ARE VARIOUS BATTERY CATHODE CHEMISTRIES THAT USE DIFFERENT METALS.

NMC IS PROVING TO BE THE MOST WELL-ROUNDED CATHODE CHEMISTRY

BALANCED PERFORMANCE (ENERGY DENSITY, THERMAL STABILITY, CHARGE RATE, BATTERY LIFE, REPLACEMENT COST) GIYANI IS FOCUSED ON DEVELOPING BATTERY-GRADE MANGANESE FEEDSTOCK FOR THE BATTERY MARKET.



MANGANESE BATTERY CHEMISTRIES NMC & LMO



Lithium Manganese Oxide LiMn2O4 (LMO)



LMO METAL COMPOSITION



Lithium Nickel Manganese Cobalt Oxide (NMC)



NMC METAL COMPOSITION



BATTERY COST STRUCTURE



GIYANI'S STRATEGY IS TO BE IN THE SWEET SPOT OF BECOMING THE LEADING INDEPENDENT FEEDSTOCK MANGANESE SUPPLIER TO THE MAKERS OF THE HIGHEST COST ITEM IN A LITHIUM-ION BATTERY, THE CATHODE.

Cost Breakdown of Lithium Ion Battery Pack



http://articles.sae.org/14195/

BOTSWANA MINING ADVANTAGE

- BOTSWANA IS ONE OF THE MOST ATTRACTIVE MINING JURISDICTIONS IN SOUTHERN AFRICA WITH POLITICAL STABILITY AND TRANSPARENCY
- 26% INVESTMENT ADVANTAGE COMPARED TO NEIGHBOURING COUNTRIES WITH ACTIVE BLACK ECONOMIC EMPOWERMENT (BEE) REGULATIONS
- GIYANI IS DEVELOPING THE ONLY MANGANESE PROJECT IN BOTSWANA
- GOVERNMENT ROYALTY IS 3% FOR BASE METALS
- THERE IS NO IMPORT TAX ON MINING EQUIPMENT AND SPARES
- VARIABLE INCOME TAX RATE IS 25% AND A 5 YEAR TAX EXONERATION
- SATISFACTORY FISCAL REGIME, 100% CAPITAL REDEMPTION







SX/EW TO EMM: SIMPLE, AND ECONOMIC PROCESSING





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