

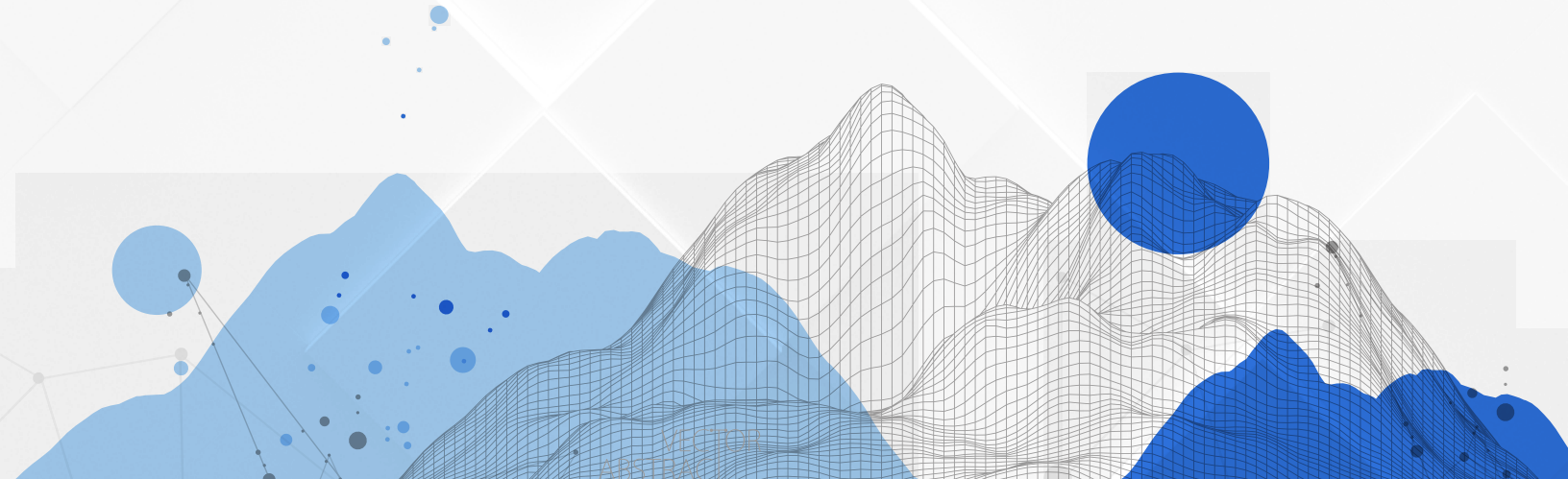


MARCO POLO

fueled with mining**intelligence**

GETTING STARTED

TNM MARCO POLO USER GUIDE



MARCO POLO

fueled with miningintelligence

Welcome to TNM Marco Polo,

As an existing Northern Miner Executive data subscriber, you are the first to experience our new data application, fueled with Mining Intelligence data. We will be covering the following topics in this user guide:

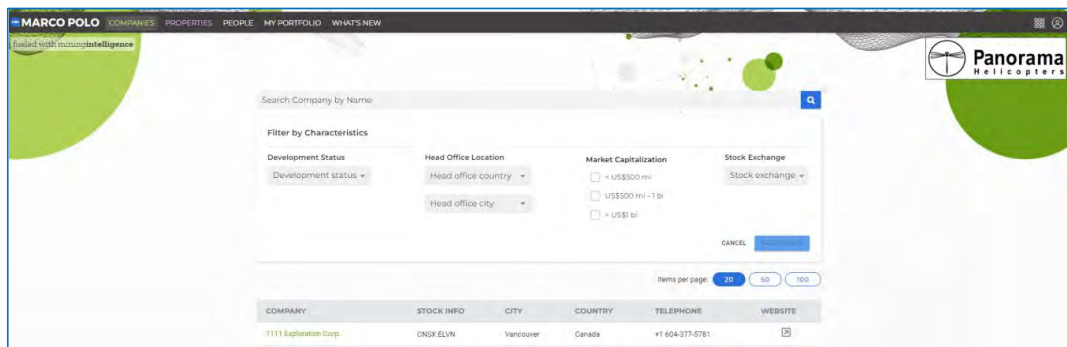
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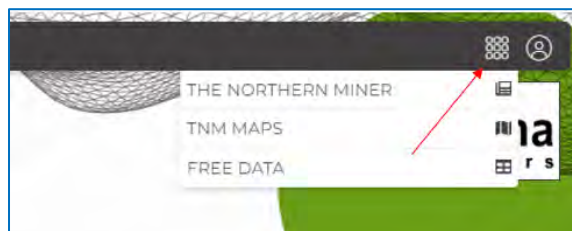
Let's begin!

1. Logging in

While we transition from Mines Handbook Executive Data to TNM Marco Polo, you will be able to sign in from the Marco Polo website. You will be asked to log in as before using your Executive Data username and password, but then you will automatically arrive on this screen.



As with Executive Data, this is the overview page for companies. *Please note*, any filters you apply on an overview page (companies, properties, or people) **will not apply** if you go to a different overview page. Also, if you would like to get back to The Northern Miner website, just click on the navigation icon in the top right and select 'THE NORTHERN MINER'.



2. Companies

Company Searches

Search by Specific Company Name

1. Start typing the company name
2. Select the company you are looking for from the auto populated options
3. Click on the search icon on the right end of the search field

1 Start typing

2 Select company

3 Click search icon

gold

Barrick Gold Corp.
Royal Gold Inc.
Yamana Gold Inc.
Kinross Gold Corp.
Alamos Gold Inc.
Osisko Gold Royalties Ltd
Lundin Gold Inc.
Centerra Gold Inc.
Equinox Gold Corp.
Sandstorm Gold Ltd

Items per page: 20 50 100

COMPANY	STOCK INFO	CITY	COUNTRY	TELEPHONE	WEBSITE
1111 Exploration Corp.	CNSX:ELVN	Vancouver	Canada	+1 604-377-5781	[i]
1844 Resources Inc.	TSX-V:EFF	Montréal	Canada	+1 514 380-5610	[i]
1911 Gold Corp.	TSX-V:AUMB	Vancouver	Canada	+1 604 839 2788	[i]
29Metals Ltd	ASX:29M	Melbourne	Australia	+61 3 7037 5300	[i]

You will now see the company is presented under 'results for' and is listed.

Search Company by Name

Filter by Characteristics

Development Status
Development status ▾

Head Office Location
Head office country ▾
Head office city ▾

Market Capitalization
☐ < US\$500 mi
☐ US\$500 mi - 1 bi
☐ > US\$1 bi

Stock Exchange
Stock exchange ▾

CANCEL SEE RESULTS

Results for: BARRICK GOLD CORP. ✕

Items per page: 20 50 100

COMPANY	STOCK INFO	CITY	COUNTRY	TELEPHONE	WEBSITE
Barrick Gold Corp.	TSX:ABX	Toronto	Canada	+1 416 861-9911	[i]

Search by 4 Company Characteristics

The 4 company characteristics are:

- Development status of a company (Explorer, Producer, Developer)
- Head office location (Country or City)
- Market Capitalization
- Stock Exchange (*please note* when applying this filter, companies with secondary listings on the selected stock exchange will also be shown)

1. Click on or select a filter
2. Press the 'see results' button to apply the filter. *Please note* you can add further filters, or you can click the 'x' on a selected filter to remove the filter.

1 Filter by characteristics

Search Company by Name

Filter by Characteristics

Development Status: Producer

Head Office Location: Head office country

Market Capitalization: < US\$500 m, US\$500 m - 1 bl, > US\$1 bl

Stock Exchange: Stock exchange

Results for: PRODUCER

Items per page: 20, 50, 100

COMPANY	STOCK INFO	CITY	COUNTRY	TELEPHONE	WEBSITE
Agnico Eagle Mines Ltd	TSX:AEM	Toronto	Canada	+1 416 947-1212	[a]
Jaguar Mining Inc.	TSX:JAG	Toronto	Canada	+1 416 847 1854	[a]
Santa Fe Gold Corp.	OTCPK:SFEG	Albuquerque	United States	+1 (505) 255 4852	[a]
Barrick Gold Corp.	TSX:ABX	Toronto	Canada	+1 416 861-9911	[a]

2 Click 'SEE RESULTS'

Search Company by Name

Filter by Characteristics

Development Status: Producer

Head Office Location: Canada

Market Capitalization: < US\$500 m, US\$500 m - 1 bl, > US\$1 bl

Stock Exchange: Stock exchange

Results for: PRODUCER x CANADA x

Items per page: 20, 50, 100

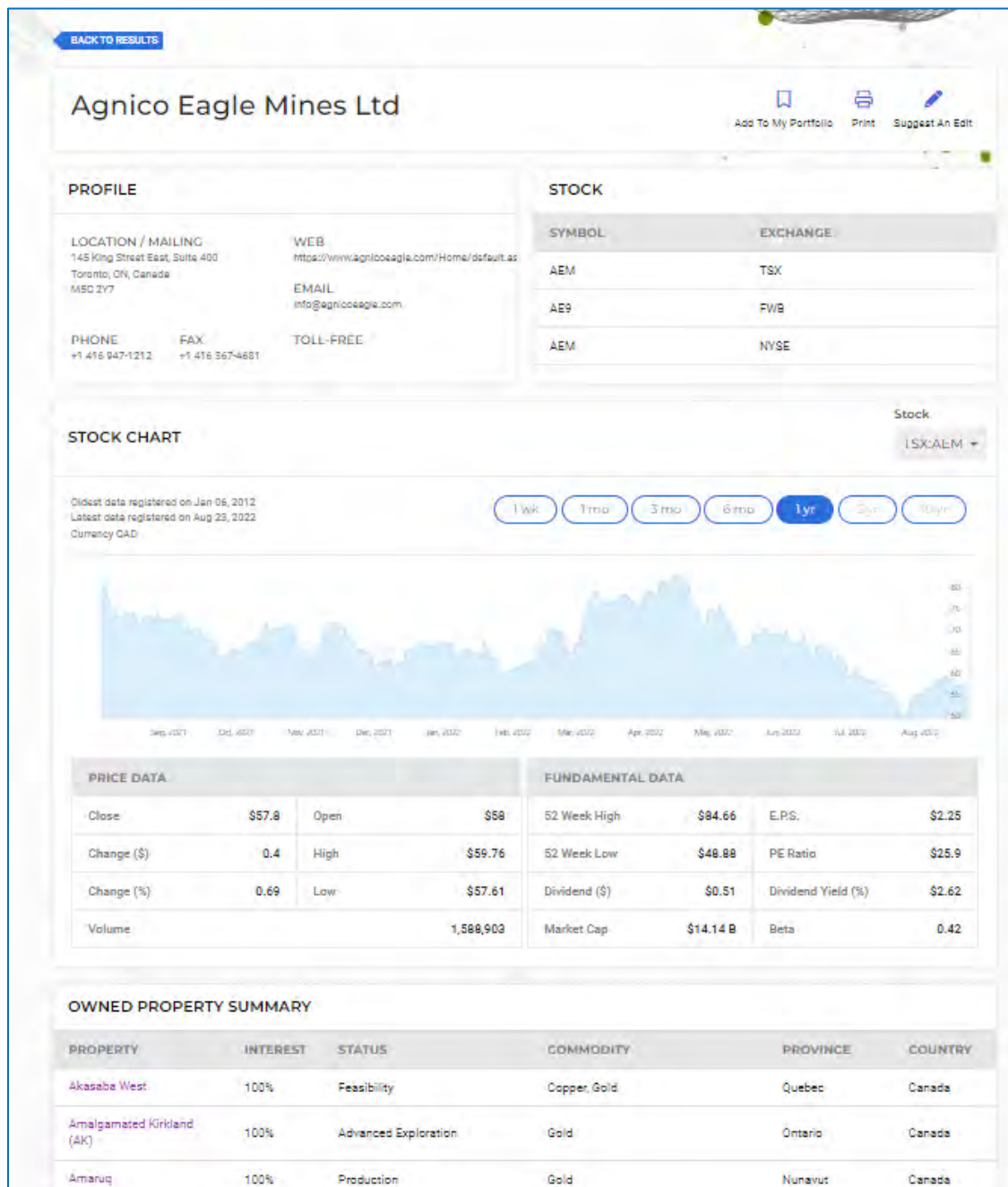
COMPANY	STOCK INFO	CITY	COUNTRY	TELEPHONE	WEBSITE
Agnico Eagle Mines Ltd	TSX:AEM	Toronto	Canada	+1 416 947-1212	[a]
Jaguar Mining Inc.	TSX:JAG	Toronto	Canada	+1 416 847 1854	[a]
Barrick Gold Corp.	TSX:ABX	Toronto	Canada	+1 416 861-9911	[a]
Cameco Corp.	TSX:CCO	Saskatoon	Canada	+1 (306) 956-6200	[a]

Company Profile Page

Once you have the list of companies you want, you will find further details on each company by clicking on the company name. This will take you to the company profile page where you will find:

- Contact details
- Stock and market information
- Owned and optioned properties with their interest
- Financial data for the previous two years
- List of the executives and directors

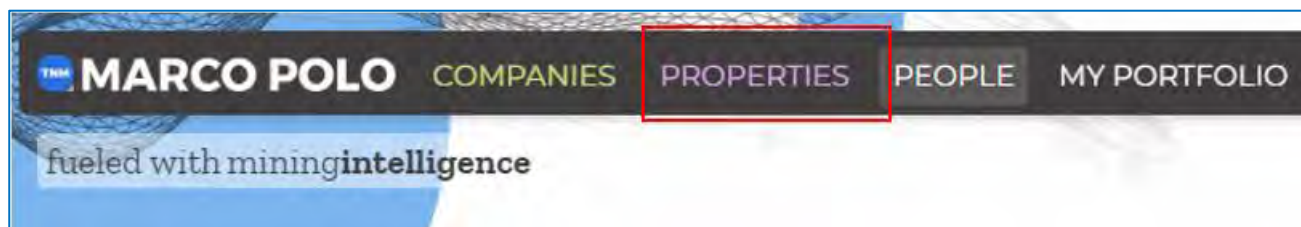
Please note for some companies listed on foreign exchanges, stock, market, financial and/or executive and directors' data may not be available.



3. Properties

Property Searches

From the company profile page, you can now access information on their properties by clicking on the property names. Alternatively, if you know which property you would like more information on, you can go to the properties overview page from the navigation bar.



Search by Specific Property Name

1. Start typing the property name
2. Select the property you are looking for from the auto populated options
3. Click on the search icon on the right end of the search field

A screenshot of the property search interface. At the top, there is a search bar with the text 'bul' entered. A red arrow points to the search bar with the annotation '1 Start typing'. Below the search bar, a dropdown menu shows 'Bulyanhulu' selected, with a red arrow pointing to it and the annotation '2 Select property'. To the right of the search bar, there is a magnifying glass icon with a red arrow pointing to it and the annotation '3 Click search icon'. Below the search bar, there are several filter sections: 'Development Status' with a dropdown, 'Activity Status' with a dropdown, 'Production' with 'Yes' and 'No' checkboxes, 'Reserves/Resources' with 'Yes' and 'No' checkboxes, 'Country' with a dropdown, and 'Province/State' with a dropdown. There are also 'CANCEL' and 'APPLY FILTERS' buttons. At the bottom, there is a table with the following data:

PROPERTY	STATUS	COMMODITY	PROVINCE	COUNTRY	OWNERS
14 Karats	Prospect	Diamond, Gold	Quebec	Canada	Dios Exploration Inc.
14 Mile Well	Exploration	Gold	Western Australia	Australia	Iceni Gold Ltd

Search by 6 Property Characteristics

The 6 property characteristics are:

- Development status
- Activity status
- Commodity exposure
- Production
- Reserves/resources
- Location (country or province/state)

1. Click on or select a filter
2. Press the 'see results' button to apply the filter. *Please note* you can add further filters, or you can click the 'x' on a selected filter to remove the filter

1 Filter by characteristics

Search Property by Name

Filter by Characteristics

Development Status: Production

Activity Status: Activity status

Commodity Exposure: Gold

Production: ☐ Yes ☐ No

Reserves/Resources: ☐ Yes ☐ No

Country: ta

United States
Tanzania
Kazakhstan
Mauritania
Italy
Kyrgyzstan

Items per page: 20

PROPERTY	STATUS	COMMODITY	PROVINCE	COUNTRY	OWNERS
14 Karats	Prospect	Diamond, Gold	Quebec	Canada	Dios Exploration Inc.
14 Mile Well	Exploration	Gold	Western Australia	Australia	Iceni Gold Ltd

Search Property by Name

Filter by Characteristics

Development Status: Production

Activity Status: Activity status

Commodity Exposure: Gold

Production: ☐ Yes ☐ No

Reserves/Resources: ☐ Yes ☐ No

Country: Tanzania

Province/State: Province/State

CANCEL SEE RESULTS

2 Click 'SEE RESULTS'

Results for: PRODUCTION GOLD TANZANIA

Items per page: 20 50 100

PROPERTY	STATUS	COMMODITY	PROVINCE	COUNTRY	OWNERS
Buckreef	Production	Gold	Geita	Tanzania	Government of Tanzania TRX Gold Corp
Bulyanhulu	Production	Copper, Gold, Silver	Shinyanga	Tanzania	Barrick Gold Corp.
Geita	Production	Gold	Geita	Tanzania	AngloGold Ashanti Ltd
North Mara	Production	Gold	Mara	Tanzania	Barrick Gold Corp.

Property Profile Page

From your filtered list, you can click on a property name, and you will get to the detailed property profile page. On the property profile page, you will find:

- Key facts about the property
- Ownership and options
- Latest reported reserves/resources
- Last reported commodity production
- Contact information

[BACK TO RESULTS](#)

Canadian Malartic

[Add To My Portfolio](#)[Print](#)[Suggest An Edit](#)

KEY FACTS

ASSET TYPE Mine	LOCATION Canada
DEVELOPMENT STATUS Production	COMMODITIES Gold,Silver
WORK TYPE Open-Pit/Underground	PRIMARY COMMODITIES Gold

OPERATIONS

MINE TECHNOLOGY Truck & Shovel
PROCESSING TECHNOLOGY Mill Cyanide Carbon in Pulp Agitated Tank Leach Electrowinning

OWNERSHIP AND OPTIONS

COMPANY	COMPANY TYPE	OWNERSHIP	OPTIONED	COUNTRY
Agnico Eagle Mines Ltd	Public	50%		Canada
Yamana Gold Inc.	Public	50%		Canada

RESERVES/RESOURCES

RESOURCE	P&P	M&I
Gold (mm ozt)	4.42	0.21

PRODUCTION

2021
Gold (kozt) 714.78
2016
Silver (kozt) 477.15

CONTACT INFORMATION

MINE OFFICE Canadian Malartic	PHONE 819.757.2225	OWNER OR OPERATOR Canadian Malartic Corp.	WEB https://canadianmalartic.com/
MINE OFFICE LOCATION		HQ LOCATION / MAILING 145 King Street East, Suite 400 Toronto, ON, Canada M5C 2Y7	PHONE +1 819 757 2225
		EMAIL info@canadianmalartic.com	FAX +1 819 757 2351

4. People Searches

The people overview page includes executive and director information from Morningstar.

- Search for a specific person and then click on the search icon, or
- Filter by job position and click on 'see results'

The screenshot shows the 'Search Person by Name' interface. A red box highlights the search bar. Below it, the 'Filter by Characteristics' section includes a 'Position' dropdown menu, 'Director' and 'Executive Officer' checkboxes, and a 'CANCEL' button. A red arrow points from the 'Position' dropdown to the 'Vice President, Exploration' option. Another red arrow points from the 'CANCEL' button to the 'SEE RESULTS' button. The 'Items per page' section shows options for 20, 50, and 100 items. The results table has columns for 'PEOPLE' and 'POSITION'.

PEOPLE	POSITION
Paul McNally	Non-Executive Director
A. L. Boyd	Chief Operating Officer
A. Anne McLellan	Independent Director
A. Barry Melnikovic	Senior Vice President and Chief Human Resources Officer
A. David Birkett	Independent Director

Once you have identified the person or people in a specific position, you can click on the company name to take you back to the company profile page.

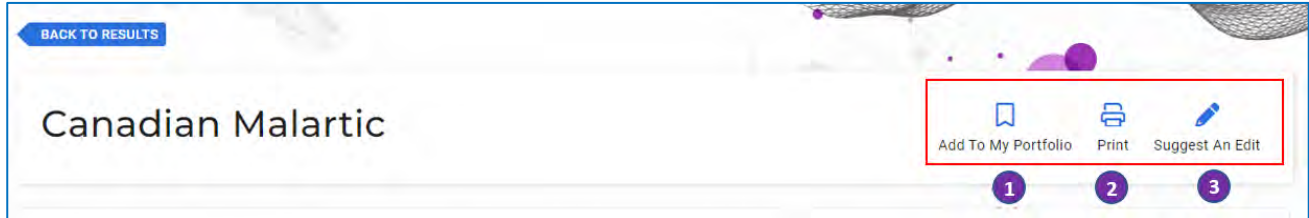
The screenshot shows the 'Search Person by Name' interface with the 'Position' dropdown set to 'Job position'. The 'Results for: VICE PRESIDENT, EXPLORATION' section is active. The 'Items per page' section shows options for 20, 50, and 100 items. The results table has columns for 'COMPANY', 'PEOPLE', and 'POSITION'.

COMPANY	PEOPLE	POSITION
QcX Gold Corp.	Aaron Stone	Vice President, Exploration
Atac Resources Ltd	Adam Coulter	Vice President, Exploration
Ultra Lithium Inc.	Afzaal Pirzada	Vice President, Exploration
Kintavar Exploration Inc.	Alain Cayer	Vice President, Exploration
Geomega Resources Inc.	Alain Cayer	Vice President, Exploration
Great Panther Mining Ltd	Alan Hitchborn	Vice President, Exploration

5. Functional Features

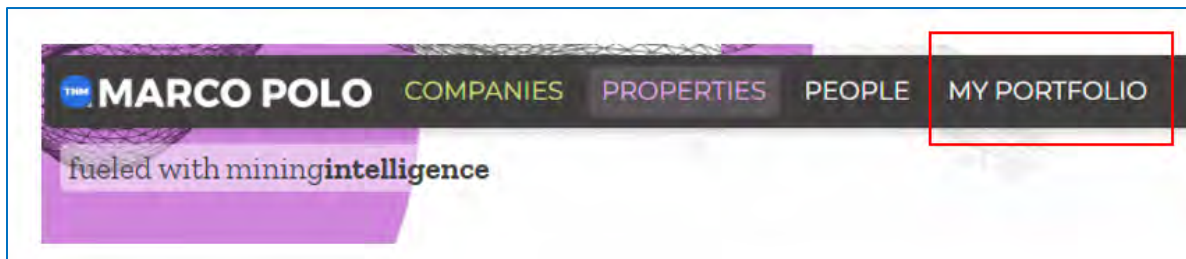
Three functional features are on the top right-hand side of either company or property profile pages.

- To keep track of specific companies and/or properties, add these to your portfolio by clicking the 'Add To My Portfolio' button.
- Print a profile page by clicking the 'Print' button
- Click on 'Suggest An Edit' if you have any concerns about specific data that you wish to share with us



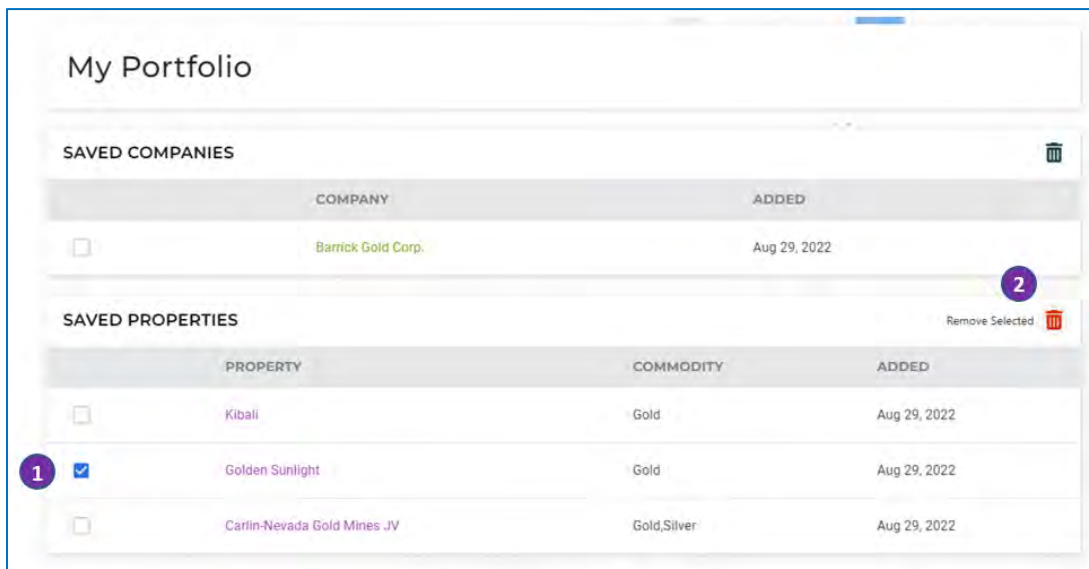
Add to My Portfolio

You can add or remove companies or properties to your portfolio from the profile pages. Access your portfolio from the navigation bar.



To remove a company or property

1. Check the box
2. Click on the delete button



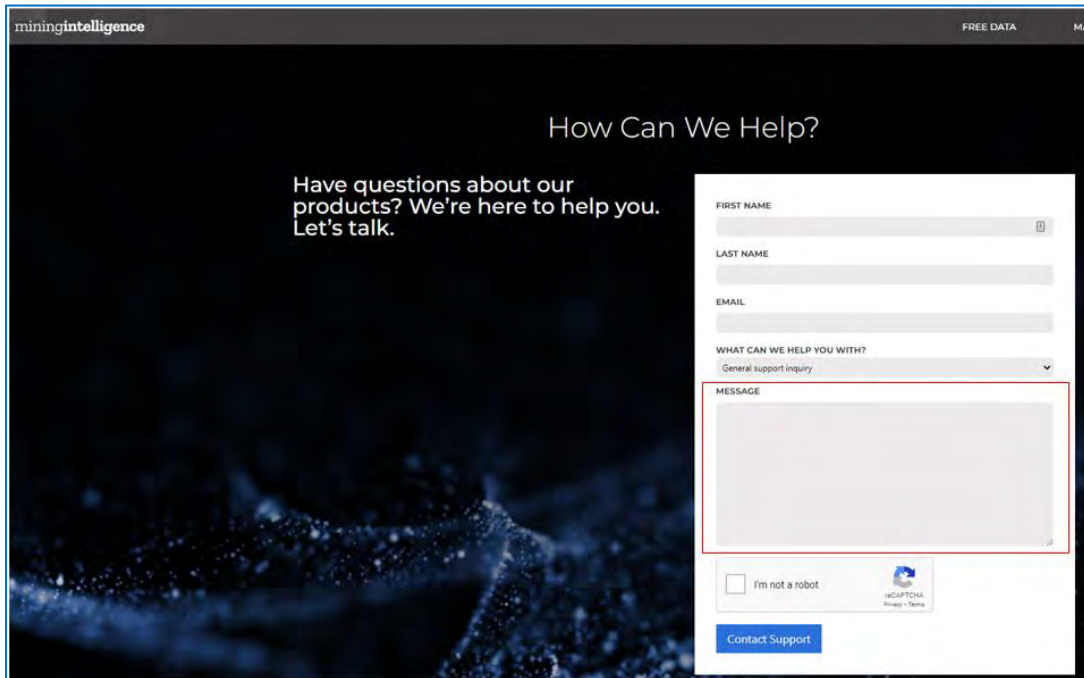
Print

Click the 'Print' icon and print or save to PDF.

Suggest an Edit

Click on 'Suggest an Edit' to get to a form on Mining Intelligence.

Please note, we ask that you specify in the message field exactly the company or property and the data you would like us to verify or check. Provide us with as much detail as possible, and our Mining Intelligence analyst team will look into this with urgency.



The screenshot shows the Mining Intelligence website's contact page. The header includes the 'miningintelligence' logo on the left and 'FREE DATA' and 'MA' on the right. The main heading is 'How Can We Help?'. Below this, on the left, is the text: 'Have questions about our products? We're here to help you. Let's talk.' On the right is a contact form with the following fields: 'FIRST NAME', 'LAST NAME', 'EMAIL', and a dropdown menu for 'WHAT CAN WE HELP YOU WITH?' (currently set to 'General support inquiry'). Below these is a large 'MESSAGE' text area, which is highlighted with a red border. At the bottom of the form are a checkbox for 'I'm not a robot', a reCAPTCHA logo, and a blue 'Contact Support' button.

And that's all you need to know about the basic functionality of TNM Marco Polo.

We hope that this document helps you navigate TNM Marco Polo quickly. Please do not hesitate to reach out to us at support@northernminer.com if you have any further questions, concerns, or thoughts on the product and one of our customer experience specialists would be happy to help.

You can also reach us on Intercom chat between the hours of 8:30 am to 4:30 pm Pacific Standard Time to speak directly to a team member.

Best of luck and happy hunting!



MARCO POLO