

PROSPECTOR

PDAC

Virtual Toolkit

2022

## Prospector PDAC Cheat Sheet



**How many gold ounces or tonnes of copper are there in a mine?**

**What are mines doing to keep the environment safe?**



These are all questions that you would want to know when speaking with mining companies, but where would you get these answers?

Good news, all this info and more can be found in a document called the NI 43-101!

Let's take a look at the most important parts of that document, and where to find that on Prospector but first you need to learn about where this data comes from!

Prospector has spent a lot of time with technical reports to know which sections matter the most and can help guide you through the maze of information. These are our picks of the sections that contain the most valuable information.

Property Description (Sections 4,5,6)  
 Geology (sections 7-11)  
 Mineral Resource & Reserves (Section 14 & 15)  
 Mining & Recovery Methods (Section 16 & 17)  
 Environmental (Section 20)  
 Economics (Section 19, 21, 22)

### Property Description

Location, location, location..just like in real estate, the setting matters for mining. The description of the property can be found in Sections 4, 5, and 6 of the report. These sections detail the property and its location, as well as its climate, accessibility, resources, infrastructure, and history.

#### Questions to ask:

- Where is the project located?
- How far away are utilities, such as major roads, water, and electricity from the property?
- Has there been any mining on the property before?

### Geology

Mining is all about geology, it makes or breaks a project. You would find this information in Sections 7 to 11. These sections detail the geologic setting, mineralization, and deposit type, as well as exploration that has been done and the sampling methods used.

#### Questions to ask:

- What minerals are present in the deposit?
- What has been done for exploration?
- What type of drilling was done, and how was it sampled?

## Mineral Resources and Reserves

Mining companies estimate and classify the amount of metal by their mineral resources and reserves. **Sections 14** and **15** outline the type of resource or reserve, as well as the grade of the metals. This is one of the most important sections for investors.

### Questions to ask:

- *What resource categories are your mineral resources and reserves?*
- *What is the measured/indicated/inferred mineral resource in tonnes?*
- *What is the average grade of the mineral reserve?*

## Mining and Recovery Methods

If you want to know what a mine will look like, you'll find that information in **Sections 16** and **17**. These sections described the mining method for the deposit, and what the company is going to do to recover the minerals. In these sections you will also find the required equipment, expected mine life, and even a flow sheet of the processing plant.

### Questions to ask:

- *How are you going to mine the deposit?*
- *What kind of equipment will you be using?*
- *How long will the mine be operational?*

## Environmental, Permitting, and Social Impact

As ESG moves to the forefront of the mining industry, **Section 20** will attract more attention! Here you will find the details of the environmental studies and issues, waste and tailings disposal plans, site monitoring, reclamation bonds, and any community agreements. There will also be a discussion of mine closure requirements and costs.

### Questions to ask:

- *What happens when the mine closes?*
- *What kind of permits are you obtaining?*
- *How are you working with the community?*

## Economics

Is the project event profitable? **Sections 19, 21,** and **22** are the places to check for that information! These sections detail the market analysis done for the project, contracts required for project development and their terms, and also a summary of the capital and operating costs estimates. You can also find cash flow forecasts, NPV & IRR values, and a sensitivity analysis.

### Questions to ask:

- *What is the minimum mineral price for operation at the estimated average grade?*
- *What is the IRR value of the project?*
- *What are the assumptions used to value the project?*

## Prospector Makes It Easy.

Prospector is the Search Engine for the Mining Industry. Our web platform and app sort projects by date, commodity, project stage, and more. It also summarizes all parts of the NI 43-101, so you no longer have to spend hours searching for information.

So next time you are walking the floor, you can come prepared for PDAC with Prospector.

## About Prospector

### BUILT WITH THE END-USER IN MIND

## Mining is hard. Investing in mining doesn't have to be.

Prospector finally brings the data within technical reports and mining news to one platform. We provide our users with the only cost-effective solution to unique, accurate, and crucial data offered today.

One of the key functions to Prospector's superior offering is the use of machine learning to optimize technical report data into an easy to use interface. Prospector provides users the ability to quickly find mineral assets, analyze technical reports, and make informed decisions quicker than ever before.

### Platform Highlights:



Search based on region, mineral type, company, resource estimate, risk, and more



Quickly identify project life of mine plans and stress test NPV calculations



Benchmark company resources and reserves, production, and costs across peers



AI insights with predictive sentiment and summary analysis of documents



Uncover opportunities and dig into social media to identify risks and trends



Reduce analyst time up to 75% with dynamic searches, custom lists, and machine learning



Desktop and mobile platform to suit your research needs



Up-to-date information on TSX and ASX projects

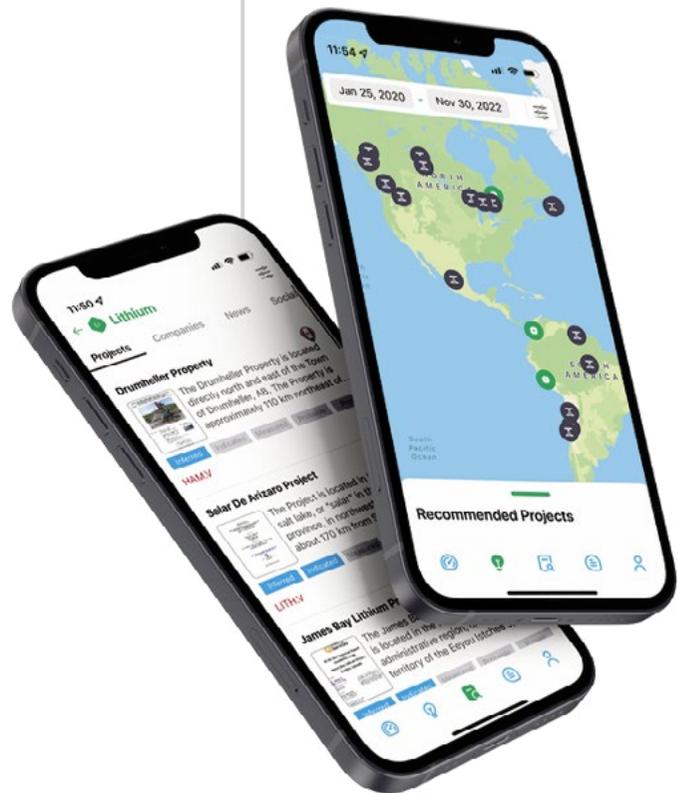
## Data mining for mining data.

# 9,200+

Mining Projects  
Around the Globe

# 3,800+

Publicly-Listed  
Mining Companies



### Download the Prospector Portal App!



## About Prospector

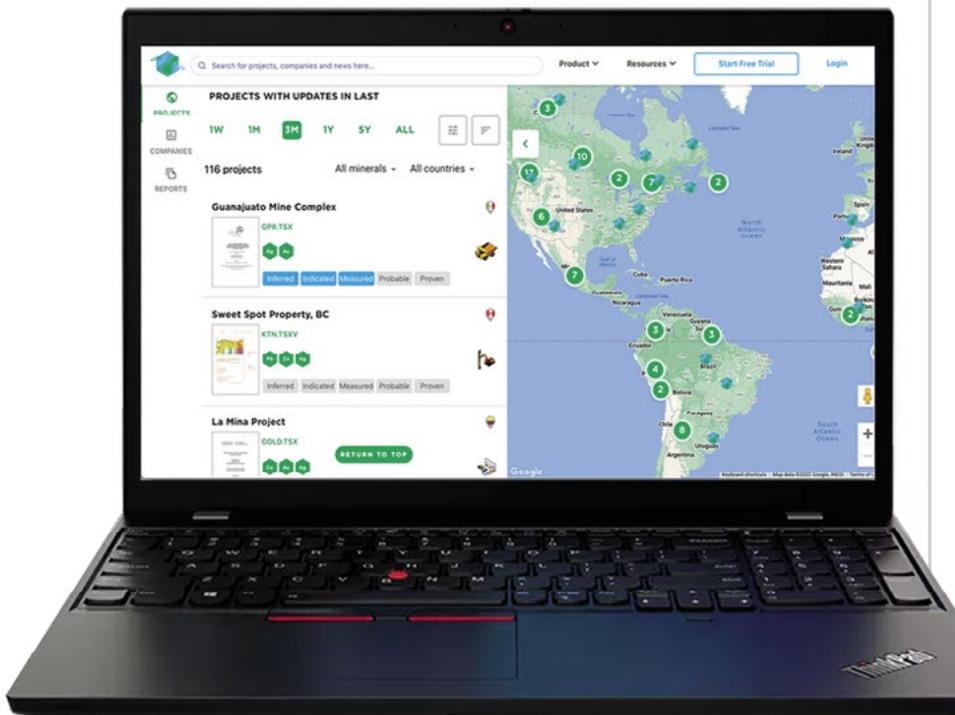
### BUILT WITH THE END-USER IN MIND

## Easily searchable and retrievable mining information for the digital age.

Prospector's comprehensive database includes information that mining analysts, investors, and industry professionals need to make informed decisions.

Easy-to-use tools help users search, filter, and sort projects and companies by date, commodity, project stage, and more. Our new Analyst platform allows for project level benchmarking, NPV calculations and stress tests, and advanced filtering.

Learn more at [www.prospectorportal.com](http://www.prospectorportal.com)



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### Investor Value Add

- Market intelligence
- News, insights, & trends
- Compare companies & projects
- Identify undervalued projects
- Risk factors

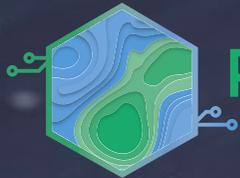
### Mining Value Add

- Concise overview of complex technical reports
- Time-saving
- Project level details
- Compare, save, and download notes
- Customizable company dashboard

### Current User Base

- Leading mining companies
- EV manufacturers
- Stock exchanges
- Investment banks
- Family offices





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