Permit Times for Mining Exploration: How Long are They?
Executive summary

Since 1997, the Fraser Institute has collected information from mining company executives around the world, who evaluate mining policies in jurisdictions worldwide. One theme that regularly appears in the comments we receive as part of that survey is a perception that permit-times—the length of time it takes to get approval for mining exploration—has grown longer and more onerous over time. In our 2015 survey, we added supplementary questions to explore this question. In this first study, they were limited to Canadian jurisdictions.

In general, based on the perceptions of respondents, there is room for improvement across Canada. Ontario appears to be a laggard. Respondents indicated that not only were they waiting longer to receive their permits there than in competing provinces such as British Columbia and Quebec, but Ontario also offered less transparency and certainty throughout the permitting process. Northwest Territories and Nunavut also need to improve. At the other end of the scale is Saskatchewan, which tended to perform relatively well when it comes to limiting the time it takes to receive permits, as well as ensuring that the process is highly transparent.

On one aspect of permit-times that we asked respondents to assess—how long it takes to receive the necessary permits—Saskatchewan performed particularly well; 87 percent of respondents answered that they received the necessary permits in six months or less. This compares to 80 percent of respondents in British Columbia, 76 percent of respondents in Quebec, and only 64 percent of respondents in Ontario.

Saskatchewan also had a relatively low percentage of respondents who said that permit approvals had either lengthened somewhat or considerably over the last 10 years. Ontario had the highest percentage of respondents, at 25 percent, who found that the time to permit approval had lengthened considerably, with an additional 43 percent of respondents who found that the times and lengthened somewhat. Ontario's 68 percent of respondents who said that permit times had lengthened was much greater than the 52 percent of Quebec respondents and 40 percent of British Columbia respondents who noted that permits times had lengthened in those provinces.
Respondents were also asked to indicate how often governments met their own established timelines/milestones for permit approval decisions. Fifty-three percent of respondents in Saskatchewan reported that government met its approval timelines more than 80 percent of the time. This compares to 38 percent in British Columbia, 28 percent in Quebec, and 22 percent in Ontario.

When asked whether transparency in the permitting process was either an encouragement or a deterrent to investment, 90 percent of respondents for Saskatchewan found the level of transparency to either be encouraging investment or at least not deterring it, compared with 71 percent of respondents in Quebec, 60 percent in British Columbia, 57 percent in Ontario.

Saskatchewan was the highest ranked province or territory when it came to the level of confidence that mining executives had that they would eventually be granted the necessary permits. Ontario performed poorly on this measure, with just 29 percent of the province’s respondents saying that they either had low confidence or were not at all confident that they would be granted the necessary permits. Only the Northwest Territories had a poorer showing on this measure.

Based on the evidence from the survey, there is certainly room for improvement in Canada’s provinces and territories when it comes to the exploration permitting process. Policy reform in these areas may help Canada’s provinces and territories unlock their considerable mineral potential.
Introduction

A well-developed mining sector can produce great economic and community benefits. In Canada—one of the world’s largest mining jurisdictions—mineral exports amounted to $92.4 billion in 2012, and in 2011 mining and mineral processing industries provided $7.1 billion in corporate taxes and royalties, $17 billion in capital investment, and $63 billion in nominal GDP (NRCAN, 2013), all while contributing 383,000 jobs to the economy (NRCAN, 2014).

Such economic benefits from mining are well known, and many jurisdictions eagerly pursue attractive policies that encourage investment. But as with many private sector activities, the mining sector is competitive and capital is mobile. To encourage robust development of the industry, governments need to put forth attractive and competitive policies.

This is particularly true for the exploration component of mining. Without exploration activities, the eventual development and extraction of minerals would not take place. Exploration is the process of gathering information and discovering deposits suitable for mining. The task is complex and can involve the use of geological studies of the area, sometimes conducted by aircraft and satellites, to search for above-ground deposits and geochemical anomalies (Rankin, 2011; Moon, Whateley, and Evans, 2006). In Canada, exploration is undertaken primarily by major mining companies (who tend to focus on brownfields exploration, near existing mine sites), and by junior exploration companies, who usually hope to sell their discoveries to larger companies that will develop and administer a producing mine.

Exploration comes with considerable risk. To put this risk into perspective, one rough evaluation holds that “[i]t sometimes... takes 500–1,000 grassroots exploration projects to identify 100 targets for advanced exploration, which in turn lead to 10 development projects, [one] of which becomes a profitable mine” (Eggert, 2010: 4). Another general statistic is that the success rate for exploration is less than a tenth of a percent (Moon, Whateley, and Evans, 2006).

In such a risky environment, particularly when prices are low and the market is uncertain as is the case now (see figure 1), onerous costs and
uncompetitive policies can discourage investment in exploration endeavours, thereby diminishing the chances that a viable deposit will be found and eventually developed into a producing mine.

Some recent evidence suggests that the permitting processes for exploration activities may be imposing such costs and acting as a deterrent to investment. In a recent survey of 34 junior and mid-tier mining firms operating all around the world, conducted between May and August 2015, slow permit approvals and misaligned permit renewals were seen as being one of the greatest challenges facing firms (PDAC, 2015). Within Canada, concerns have also been raised about the consistency and transparency of the permitting process for explorers and the affect that this may have on the ability of jurisdictions to attract exploration investment (AME BC, 2014, 2015).

As a first step to assessing the exploration permitting process and its potential effects, a survey of mining executives who have recently applied for exploration permits in Canada’s provinces and territories was undertaken to get a better understanding of how permit approval timelines, transparency, and other issues regarding the permit approval process differ within Canada. The results of this survey will allow for a better understanding of how provinces and territories perform in this area and will serve as a starting point for future research aimed at identifying best practices for exploration permitting.

**Figure 1: Commodity Price Index, 2010=100, 1960-2015, Real 2005 US$**

Permits, Competitiveness, and Investment

After a claim has been staked, and before exploration activities can begin in Canada’s provinces and territories, firms must apply for the necessary regulatory approvals, such as permits, licences, notices of work, etc.¹ These permits allow an exploration or prospecting firm to explore for mineral deposits in the hopes of making a discovery. The permits are intended to ensure that the exploration activities will not pose a significant or unnecessary threat to the environment, and to allow for consultation with Aboriginal communities on potential impacts on their rights.

The permitting process is costly for firms, as they must invest time and resources to comply with the permit’s requirements. These costs can rise when the process lacks transparency or is uncertain, adding additional risk to firms and reducing a jurisdiction’s competitiveness.

In an environment where capital is highly mobile, it might be expected that jurisdictions offering low-cost and competitive policies would be seen as more attractive to investment. Indeed, policies do matter when it comes to attracting investment and developing mineral resources (David and Wright, 1997). An early study by Tilton (1983) found that 31 to 94 percent of differences in mineral output in Western countries could be accounted for by mineral endowments. Respondents to the Fraser Institute’s Survey of Mining Companies consistently report that about 60 percent of their decisions on whether to invest or not come from a jurisdiction’s pure mineral potential. However, the other 40 percent of the decision comes from policy related factors (Jackson and Green, 2015).

Competitive policies are those that impose low costs on firms while effectively addressing non-economic policy goals, such as environmental responsibility (Tilton, 1992). When policies are unclear and uncertain they can increase the compliance costs for firms wishing to explore. Thus, jurisdictions that keep costs low give themselves a competitive advantage when it comes to attracting investment.

¹ The name or type of permit needed varies greatly between the provinces and territories. “Permit” will be used as a general term for the varieties of different requirements in each province and territory.
Permits, particularly for exploration, are one area of mining policy that has received little attention in either policy or academic literature. One recent study noted that permits can increase the “time, costs, and risks” associated with mining, potentially leading to lower levels of investment and lost economic opportunities (Söderholm et al., 2015: 130). Another study found that while permits can cause delays and increase uncertainty, responses to a survey by Australian and Canadian mining executives suggest that permits do not always impede investment. That being said, a much larger percentage of Canadian executives noted that environmental permits and assessments acted as a deterrent to investment than did their Australian counterparts, suggesting that perhaps policies in Canada are imposing larger costs on firms (Annandale and Taplin, 2003).

Wilson, McMahon, and Minardi (2013) point out that regulations (i.e., permits) can affect the allocation of mining investment by contributing to inconsistency in decisions and a lengthy regulatory process. The authors state that, “[w]here the process is unclear, fluctuating, or subject to change, miners may be reluctant to invest due to additional costs, regulatory requirements, or new processes that can significantly add costs and delays to projects” (p. 23).

Recent evidence suggests that permitting processes may indeed be placing higher costs and uncertainty on the exploration industry. In the Fraser Institute’s Survey of Mining Companies, 2014 respondents from around the world were asked to assess the extent to which the time it takes to get a permit approved has changed over the last 10 years. Approximately 65 percent of respondents indicated that the time for permit approval has increased over the decade. Thirty-nine percent of respondents indicated that the time has lengthened considerably (Jackson and Green, 2014). While work done by Richard Schodde suggests that Canada is still moving projects into production faster than the global average (Tarikh, 2014, Mar. 12), his analysis also suggests that the time between a discovery and production is rising in Canada. One of the reasons given for this trend is the lengthening of permit times (Keen, 2013, Nov. 23).

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2 Respondents to the Survey of Mining Companies evaluate jurisdictions on 15 policy variables that aim to capture whether policy-related areas such as taxation, regulation, land use, security, etc. either attract or deter investment. Respondents also assess the pure mineral potential of each jurisdiction. For more on the specifics of the survey and its methodology, see Jackson and Green (2015).

3 Mining and exploration companies operating around the world respond to the Survey of Mining Companies. Note that the statistics discussed here reflect the broader worldwide view and are not specifically for Canada.
The Fraser Institute mining survey examines the extent to which uncertainty in three areas of regulation acts as a deterrent to investment in Canada, including uncertainty related to:

- the administration, interpretation, and enforcement of existing regulations
- environmental regulations
- regulatory duplication and inconsistencies (includes federal/provincial, federal/state, inter-departmental overlap, etc.)

As figure 3 indicates, three regulation questions are all in the top five barriers to investment in Canada.4

Investors’ views of permitting likely affect their responses to two of the regulation questions on the survey—uncertainty concerning the administration, interpretation, and enforcement of existing regulations and regulatory duplication and inconsistencies. Investors have perceived barriers in these two areas to be increasing over the last few years. For example, as figure 4 shows, after declining in the mid- to late-2000s, the median percentage of respondents who viewed uncertainty in the administration, interpretation, and enforcement of existing regulations as a

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4 The Survey of Mining Companies breaks Canada up into 12 provinces and territories (PEI is excluded). The median score of the 12 Canadian provinces and territories is used to analyze broader Canadian trends.
deterrent to investment in Canada increased from 16 percent in 2010 to 33 percent in 2014.

The result is similar for regulatory duplication and inconsistencies. After the median Canadian response reached a low in 2007 of 23 percent of respondents viewing regulatory duplication and inconsistencies as a deterrent to investment, that percentage rose in 2014 to 38 percent.

As figures 6 and 7 indicate, in 2014 concerns about the enforcement of existing regulations and regulatory duplication appear to be greatest in British Columbia, Ontario, the Northwest Territories, and Nunavut. In 2014, 58 percent of respondents in British Columbia and 49 percent of those in Ontario viewed uncertainty concerning the administration, interpretation, and enforcement of existing regulations as presenting some form of a deterrent to investment. For regulatory duplication and inconsistencies, in the same two provinces 58 percent of respondents for BC

Figure 4: Ten Year Median Canadian Score Trend for Uncertainty Regarding the Administration, Interpretation, and Enforcement of Existing Regulations


Figure 5: Ten Year Median Canadian Score Trend for Regulatory Duplication and Inconsistencies (includes federal/provincial, federal/state, interdepartmental overlap, etc.)

Figure 6: Percentage of Respondents Viewing Uncertainty Regarding the Administration, Interpretation, and Enforcement of Existing Regulations as a Deterrent to Investment in Canada, 2014


Figure 7: Percentage of Respondents Viewing Regulatory Duplication and Inconsistencies as a Deterrent to Investment in Canada, 2014

viewed this issue as presenting a deterrent to investment, as did 52 percent in Ontario.

The growing concerns around the uncertainty posed by regulatory policies in Canada and the effect that such uncertainty and its costs can have on a jurisdiction’s attractiveness to investment served as the impetus to try to measure how costs and uncertainty in the permitting process varies between Canada’s provinces and territories.
Survey Design

To assess how the time, transparency, and (un)certainty of the permitting process differs among Canada’s provinces and territories, we conducted a permit-time sub-survey of mining executives in conjunction with the broader 2015 Survey of Mining Companies (Jackson and Green, forthcoming).

The sub-survey is designed to identify the provinces and territories that have the most attractive permitting policies. Those attractive policies can help encourage and retain mining exploration investment. Jurisdictions that investors assessed as relatively unattractive may wish to consider reforms so that they can themselves attract more exploration investment.

The broader 2015 Survey of Mining Companies, of which the survey on Canadian exploration permits was a subsection, was sent to approximately 3,800 managers and executives around the world, in companies involved in mining exploration, development, and other related activities. To help ensure that only individuals with knowledge of mining exploration in Canada answered the permit-time sub-survey, only those who included Canadian provinces and territories in their broader survey responses were able to access the exploration permit survey. This modification resulted in approximately 210 eligible respondents. However, only respondents who had applied for an exploration permit, license, notice of work, etc., within the last two years were asked to respond to the survey to help ensure that only those with the most recent and relevant experience answered the questions. This resulted in 122 executives and managers taking the permit-time sub-survey.

As figure 8 illustrates, over half (57 percent) of respondents to the Canadian exploration permit sub-survey were company presidents. A further 28 percent of respondents were either company vice-presidents or managers.

Figure 9 shows that the majority of respondents, 65 percent, were from exploration companies. An additional 26 percent of responses came from producer companies that are also involved in exploration activities.
Figure 8: The Position Survey Respondents Hold in Their Company

- Company president: 57%
- Vice president: 15%
- Manager: 13%
- Consultant: 5%
- Other Senior Management: 2%
- Other: 8%

Figure 9: Company Focus as Indicated by Respondents

- An exploration company: 65%
- A producer company with more than US$50M: 20%
- A producer company with less than US$50M: 6%
- A consulting company: 6%
- Other: 3%
Survey questionnaire

The survey is designed to capture the experiences of executives and others involved in exploration activities across Canada. Their responses will provide valuable insights into the differences in time, cost, and uncertainty that exist in the exploration permitting process among Canada’s provinces and territories.

In total, respondents were asked to answer five questions:

1. Approximately how much TIME do you expect to spend getting the permits, licences, or notices of work, etc. to conduct exploration activities in each jurisdiction? Please estimate from the time you apply at the first stage of the approval process until the initiation of exploration activities.
   a. 2 months or less
   b. 3 to 6 months
   c. 7 to 10 months
   d. 11 to 14 months
   e. 15 to 18 months
   f. 19 to 23 months
   g. 24 months or more

2. Over the last 10 years, please estimate the amount that your “TIME TO PERMIT APPROVAL” has changed in each jurisdiction?
   a. Shortened considerably
   b. Shortened somewhat
   c. Stayed the same
   d. Lengthened somewhat
   e. Lengthened considerably

3. Prior to deciding where to explore, all other factors being equal, what level of CONFIDENCE do you have that you will eventually be granted a permit?
   a. High confidence
   b. Confident
   c. Low confidence
   d. Not at all confident

4. Prior to deciding where to explore, all other factors being equal, how does the level of TRANSPARENCY in the permitting process affect exploration in each province or territory?
a. Encourages exploration investment
b. Not a deterrent to exploration investment
c. Is a mild deterrent to exploration investment
d. Is a strong deterrent to exploration investment
e. Would not pursue exploration investment in this province or territory due to this factor

5. Throughout the permitting process, how often did the jurisdiction meet its own established timelines/milestones for permit approval decisions?
   a. Most of the time (80 to 100%)
   b. Some of the time (60 to 80%)
   c. About half the time (40 to 60%)
   d. Less than half the time (20 to 40%)
   e. Rarely met own timelines (0 to 20%)

Below the results of the survey are presented and discussed.
Results

The results of the survey have been broken into three general areas of concern: the length of time it takes to get approved for the necessary permits, the transparency of the permitting process, and the certainty of the permitting process. Provinces and territories that received less than five responses were dropped from the analysis, while those with between five and nine responses have been noted in all the subsequent tables.

Time

To assess how the length of the permitting process differs between provinces and territories, the sub-survey asked three questions. The first (table 1) asked respondents to indicate how long they expected to spend acquiring the necessary permits to conduct exploration activities. In all provinces and territories, the majority of respondents could acquire the necessary permits within six months. However, there are some notable differences between various jurisdictions.

One difference is between Canada’s territories and provinces, as it appears that explorers are waiting much longer for permits in the territories than in competing provinces. In the Yukon, Northwest Territories, and Nunavut, only 23 percent, 0 percent, and 7 percent of respondents, respectively, were able to acquire the necessary permits for exploration in two months or less. The Northwest Territories and Nunavut also have the two lowest percentages of respondents who acquired permits in six months or less, at 62 percent and 57 percent, respectively. This compares poorly to other provinces, such as Ontario and Quebec, which attract exploration investment for similar types of commodities as those present in the Territories (NRCAN, 2015). For example, 32 percent of respondents in Ontario and 39 percent of those in Quebec acquired their necessary exploration permits in two months or less.

Amongst the three provinces that attract the majority of Canadian exploration spending on base metals and precious metals—British Columbia, Ontario, and Quebec—the results are mixed. Higher percentages
### Table 1: The Amount of Time Respondents Expected to Spend Getting the Permits, Licences, or Notices of Work, etc. to Conduct Exploration Activities

<table>
<thead>
<tr>
<th>Province</th>
<th>2 months or less</th>
<th>3 to 6 months</th>
<th>7 to 10 months</th>
<th>11 to 14 months</th>
<th>15 to 18 months</th>
<th>19 to 23 months</th>
<th>24 months or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia</td>
<td>24%</td>
<td>56%</td>
<td>13%</td>
<td>2%</td>
<td>2%</td>
<td>0%</td>
<td>2%</td>
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<tr>
<td>Manitoba*</td>
<td>33%</td>
<td>50%</td>
<td>0%</td>
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<td>0%</td>
<td>0%</td>
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<tr>
<td>New Brunswick*</td>
<td>67%</td>
<td>33%</td>
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<td>0%</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>33%</td>
<td>67%</td>
<td>0%</td>
<td>0%</td>
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<td>0%</td>
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</tr>
<tr>
<td>Northwest Territories</td>
<td>0%</td>
<td>62%</td>
<td>0%</td>
<td>15%</td>
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<td>8%</td>
</tr>
<tr>
<td>Nunavut</td>
<td>7%</td>
<td>50%</td>
<td>14%</td>
<td>21%</td>
<td>7%</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>Ontario</td>
<td>32%</td>
<td>32%</td>
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<td>14%</td>
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<td>0%</td>
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<tr>
<td>Quebec</td>
<td>39%</td>
<td>36%</td>
<td>18%</td>
<td>3%</td>
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<td>0%</td>
<td>3%</td>
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<tr>
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<td>0%</td>
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<tr>
<td>Yukon</td>
<td>23%</td>
<td>64%</td>
<td>14%</td>
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<td>0%</td>
<td>0%</td>
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</table>

*Between 5 and 9 responses.

### Table 2: Changes in the Time to Permit Approval Over the Last 10 Years

<table>
<thead>
<tr>
<th>Province</th>
<th>Shortened Considerably</th>
<th>Shortened Somewhat</th>
<th>Stayed the Same</th>
<th>Lengthened Somewhat</th>
<th>Lengthened Considerably</th>
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<td>British Columbia</td>
<td>7%</td>
<td>22%</td>
<td>31%</td>
<td>18%</td>
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<td>Manitoba*</td>
<td>17%</td>
<td>17%</td>
<td>17%</td>
<td>33%</td>
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<tr>
<td>New Brunswick*</td>
<td>17%</td>
<td>0%</td>
<td>50%</td>
<td>17%</td>
<td>17%</td>
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<tr>
<td>Newfoundland &amp; Labrador</td>
<td>0%</td>
<td>0%</td>
<td>56%</td>
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<td>11%</td>
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<tr>
<td>Northwest Territories</td>
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<td>15%</td>
<td>15%</td>
<td>46%</td>
<td>23%</td>
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<tr>
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<tr>
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<td>20%</td>
<td>47%</td>
<td>20%</td>
<td>7%</td>
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<tr>
<td>Yukon</td>
<td>9%</td>
<td>23%</td>
<td>14%</td>
<td>32%</td>
<td>23%</td>
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</tbody>
</table>

*Between 5 and 9 responses*
of respondents in Ontario and Quebec indicated that they expected it to take two months or less to acquire necessary exploration permits. However, when considered in total, British Columbia performs much better. The highest percentage of respondents in that province indicated that they expected to spend 6 months or less acquiring the necessary permits. Indeed, between British Columbia, Ontario, and Quebec, Ontario’s results are the most concerning. Fourteen percent of respondents indicated that they expected to spend between 11 and 14 months to get exploration permits in Ontario, compared to 2 percent in British Columbia and 3 percent in Quebec. Ontario also had one of the highest percentages of respondents indicating that they were expecting to spend 24 months or more just acquiring their exploration permits, again compared to 2 percent in British Columbia and 3 percent in Quebec.

We also assessed how the length of time explorers expected to spend getting their permit approvals had changed over the last 10 years. The results indicate that in general, permit approval times are lengthening in Canada. In five out of 10 provinces and territories included, 50 percent of respondents or more said that the time to permit approval had lengthened. In no cases did the majority of respondents indicate that permit approval times had shortened.

Overall, Saskatchewan had the smallest percentage of respondents—27 percent—indicating that the time to permit approval had either lengthened somewhat or considerably. Of the three provinces attracting the bulk of Canada’s exploration spending discussed above, British Columbia had a much lower percentage of respondents indicating that the time to permit approval had either lengthened somewhat or considerably, compared to 52 percent in Quebec and 68 percent in Ontario. Ontario also had the highest percentage of respondents (25 percent) across all Canadian provinces and territories included in the study indicating that the time to permit approval had lengthened considerably.

While British Columbia performed better in comparison to Quebec and Ontario, the province still saw 40 percent of respondents indicating that the time to permit approval had lengthened in some manner. In fact, in all provinces and territories a number of respondents indicated that permit times had lengthened. Indeed, it appears that all Canadian jurisdictions in the survey could benefit from stemming and mitigating lengthening exploration permit times.

Another aspect of permit approval times is certainty about the timelines provided by the permit granting organizations. If these organizations are unable to meet their timelines, the time it takes to get a permit is extended, thereby placing additional costs and risks on firms, potentially acting as a deterrent to investment.
Table 3: How Often Did the Jurisdiction Meet its Own Established Timelines/Milestones for Permit Approval Decisions?

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Most of the time (80 to 100%)</th>
<th>Some of the time (60 to 80%)</th>
<th>About half the time (40 to 60%)</th>
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<td>11%</td>
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<tr>
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<td>41%</td>
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<td>9%</td>
<td>5%</td>
<td>9%</td>
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</table>

*Between 5 and 9 responses.

Table 4: How Does the Level of Transparency in the Permitting Process Affect Exploration Investment?

<table>
<thead>
<tr>
<th>Jurisdiction</th>
<th>Encourages exploration investment</th>
<th>Not a deterrent to exploration investment</th>
<th>Is a mild deterrent to exploration investment</th>
<th>Is a strong deterrent to exploration investment</th>
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</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>11%</td>
<td>67%</td>
<td>11%</td>
<td>11%</td>
<td>0%</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>0%</td>
<td>31%</td>
<td>39%</td>
<td>23%</td>
<td>8%</td>
</tr>
<tr>
<td>Nunavut</td>
<td>0%</td>
<td>50%</td>
<td>36%</td>
<td>14%</td>
<td>0%</td>
</tr>
<tr>
<td>Ontario</td>
<td>21%</td>
<td>36%</td>
<td>18%</td>
<td>25%</td>
<td>0%</td>
</tr>
<tr>
<td>Quebec</td>
<td>16%</td>
<td>55%</td>
<td>19%</td>
<td>7%</td>
<td>3%</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>47%</td>
<td>47%</td>
<td>7%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Yukon</td>
<td>23%</td>
<td>36%</td>
<td>41%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

*Between 5 and 9 responses.
Of the jurisdictions that received 10 or more responses about permitting time certainty, Yukon and Quebec had the lowest percentages of respondents indicating that the permitting authority met its own established timelines/milestones about half the time or less, at 23 and 25 percent of the time, respectively, indicating that they had a relatively high degree of timeline certainty. British Columbia and Ontario appear to offer less timeline certainty, with 40 and 44 percent of respondents, respectively, noting that those provinces were meeting their established timelines about half the time or less.

Transparency

Another critical issue in the permitting process is transparency. When explorers do not understand what the rules are or how they are applied, the result can be a deterrent to investment. In this area, again, Saskatchewan continues to perform far better than the other Canadian provinces and territories included in the study. Only 7 percent of respondents reported that transparency in the permitting process was a deterrent to investment—and all of the deterrent rankings were “mild”—a performance unmatched by any other Canadian jurisdiction.

Out of the three territories, Yukon performed much better on transparency than did the Northwest Territories or Nunavut. Forty-one percent of respondents for Yukon rated transparency as a mild deterrent to exploration investment with none reporting that it is a strong deterrent or that they would not pursue investment in the territory due to a lack of transparency. The feedback was worse for Northwest Territories and Nunavut. At 69 percent, Northwest Territories had the highest percentage of respondents reporting that transparency in the exploration permitting process was a deterrent to investment. Perhaps even more significantly, 31 percent of respondents for the Northwest Territories rated transparency as a strong or greater deterrent to investment. Nunavut fared slightly better than Northwest Territories, although a large number of respondents, 50 percent, still found transparency there to be a deterrent to investment. As a group, the territories’ performance on transparency was poorer than that of any of the provinces, suggesting that this issue needs improvement.

Amongst the three provinces that attract the majority of Canadian exploration spending, Quebec performed the best. In that jurisdiction, 29 percent of respondents indicated that transparency in the exploration permitting process was a deterrent to investment, followed by British Columbia at 40 percent, and Ontario 43 percent.
Certainty

The final area of the exploration permitting process on which we sought feedback was policy certainty. If firms are not confident that they will be able to acquire the necessary permits to carry out exploration activities once they have met regulatory requirements, it is unlikely that they will consider investing in the given province or territory.

When asked about how confident they were that the necessary permits would eventually be granted, most respondents rated the Canadian provinces and territories quite highly. Saskatchewan performed the best: 100 percent of the province’s respondents reported that they were either highly confident or confident that they would receive their permits. Only in Ontario and Northwest Territories did less than 80 percent of respondents indicate that they were highly confident or confident that they would be granted the necessary permits. In particular, in Ontario, 18 percent of respondents were not confident at all that they would receive the necessary exploration permits.

Table 5: Confidence Level of Respondents that They Will Eventually be Granted the Necessary Permit(s)

<table>
<thead>
<tr>
<th>Province</th>
<th>High Confidence</th>
<th>Confident</th>
<th>Low Confidence</th>
<th>Not at all Confident</th>
</tr>
</thead>
<tbody>
<tr>
<td>British Columbia</td>
<td>27%</td>
<td>58%</td>
<td>11%</td>
<td>4%</td>
</tr>
<tr>
<td>Manitoba*</td>
<td>33%</td>
<td>50%</td>
<td>17%</td>
<td>0%</td>
</tr>
<tr>
<td>New Brunswick*</td>
<td>33%</td>
<td>50%</td>
<td>17%</td>
<td>0%</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>33%</td>
<td>56%</td>
<td>0%</td>
<td>11%</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>23%</td>
<td>46%</td>
<td>23%</td>
<td>8%</td>
</tr>
<tr>
<td>Nunavut</td>
<td>7%</td>
<td>86%</td>
<td>7%</td>
<td>0%</td>
</tr>
<tr>
<td>Ontario</td>
<td>21%</td>
<td>50%</td>
<td>11%</td>
<td>18%</td>
</tr>
<tr>
<td>Quebec</td>
<td>30%</td>
<td>61%</td>
<td>0%</td>
<td>9%</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>67%</td>
<td>33%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Yukon</td>
<td>33%</td>
<td>52%</td>
<td>14%</td>
<td>0%</td>
</tr>
</tbody>
</table>

*Between 5 and 9 responses
Conclusion

Competitive public policies for mining place comparably low costs on firms. The permitting process for mining exploration is often overlooked in broader policy debates on mining. Yet uncompetitive policies in this area can increase the time, costs, and risks associated with exploration, potentially leading to reduced investment and decreasing the chances that a viable deposit will be found and eventually developed into a mine.

Based on the evidence presented above, the exploration permitting process in Canada’s provinces and territories could certainly be improved. Policy reform in this area may help Canada’s provinces and territories unlock their considerable mineral potential.

Table 6: Relative Ranking of Provincial and Territorial Performance on Areas of the Permitting Process

<table>
<thead>
<tr>
<th>Prov/Terr</th>
<th>Time</th>
<th>Transparency</th>
<th>Certainty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Percentage of respondents receiving necessary permits in 6 months or less</td>
<td>Percentage of respondents indicating that times to permit approval had lengthened over the previous 10 years</td>
<td>Percentage of respondents indicating that timeliness/ milestones were met more than 60 percent of the time</td>
</tr>
<tr>
<td>BC</td>
<td>6th</td>
<td>3rd</td>
<td>5th</td>
</tr>
<tr>
<td>MB*</td>
<td>5th</td>
<td>6th</td>
<td>1st</td>
</tr>
<tr>
<td>NB*</td>
<td>1st</td>
<td>2nd</td>
<td>5th</td>
</tr>
<tr>
<td>NL</td>
<td>1st</td>
<td>5th</td>
<td>7th</td>
</tr>
<tr>
<td>NT</td>
<td>9th</td>
<td>10th</td>
<td>10th</td>
</tr>
<tr>
<td>NU</td>
<td>10th</td>
<td>4th</td>
<td>9th</td>
</tr>
<tr>
<td>ON</td>
<td>8th</td>
<td>9th</td>
<td>7th</td>
</tr>
<tr>
<td>QC</td>
<td>7th</td>
<td>7th</td>
<td>3rd</td>
</tr>
<tr>
<td>SK</td>
<td>3rd</td>
<td>1st</td>
<td>4th</td>
</tr>
<tr>
<td>YK</td>
<td>4th</td>
<td>8th</td>
<td>2nd</td>
</tr>
</tbody>
</table>

*Between 5 and 9 responses
References


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