

Quick Index for Survey Forms of Mineral Exploration

Where To Include These Expenditures

Types of Cost	Line
Access Roads / Airstrips	
Permanent	18.1.1
Temporary	14.17
Bulk Sampling	
Sample collection	14.5-14.9, 14.23
Sample processing, pilot plant testing	14.14
Diamond Analysis and Recovery (other than that of bulk samples)	14.5-14.9, 14.23
Engineering	
Preconstruction planning and design	18.1.1
To establish technical feasibility of mining project	14.14
Indicator Minerals Analysis	14.21
Negotiation with Various Groups (including Aboriginal people)	16.1
Property Acquisition	18.1.4
Other Rock Work	
Excavation (drilling, blasting, mucking, hoisting)	14.23
Infrastructure such as headframe, hoist, ore bins, permanent lining, ventilation system	Section 18.1
Site Restoration / Decommissioning / Care and Maintenance	
After field surveys and work (include temporary installations)	15.5
After temporary mine closure (include permanent installation - report as MCD ¹)	Section 18.2
During mine operations (MCD ¹)	
Line 14.23 Other Rock Work	
Report under EX ² , development work such as EX ² drift or ramp build solely for the purpose of EX ² activity, such as drilling to test new targets and areas in mine production or committed to production (see distance criteria guidelines 12.0 (3)). Report under MCD ¹ , if to be used for production purpose.	

Section 18.1 What Are Capital Expenditures?

Capital Expenditures are the gross expenditures on fixed assets for use in the operations of your organization or for lease or rent to others.

Include:

- Mine buildings including headframes, ore bins, ventilation structures, backfill plants and other surface buildings.
- Mine buildings for beneficiation treatment of minerals (excluding smelters and refineries).
- Mine shafts, drifts, crosscuts, raises, declines, stopping, etc. (Report for structures only; for rock work components which should be reported under line 14.23).
- Tailing disposal systems, settling ponds.

Definition Mine Area:

The mine-site area is usually defined by the mine plan of a feasibility study covered by all the necessary permits to operate (mainly environmental, see Reporting Guide and Guidelines 13.0). Otherwise, report portion of near mine site activity as off mine-site.

Notes

- Each activity should include contractor and manpower costs, site preparation, transportation, temporary camp and site accommodations, and meals for workers.
- At a producing mine, work done in the immediate vicinity of the producing deposit (see guideline 12.0 [3] for the limits) in order to extend the ore reserves is considered MCD¹.

Line 11.5 Other Work Objectives:

1. Maintain claims in good standing
2. Increase confidence in resources outside the context of a technical study (except for Resource Calculation)
3. Increase confidence in resources for the preparation of a PEA³ (not started yet)
4. Upgrading and expand resources in the context of a PEA³ (scoping study)
5. Conduct PEA³
6. Expand resources along strike in the immediate vicinity of the resource envelope considered in the PFS⁴ or FS⁵
7. Conduct PFS⁴, FS⁵
8. Upgrade and expand resources for the preparation of the PFS⁴ (not started yet)
9. Final engineering studies
10. Increase processing capacity/efficiency
11. Confirm economic viability of mine production for the longer term
12. Obtain board approval for development of next producing zone
13. Finalize permitting
14. Construction financing
15. Care and maintenance
16. Mine rehabilitation/decommissioning
17. Site preparation while waiting to finalize permitting
18. Construction of pilot plant
19. Confirm historical resources
20. Bulk sampling for initial metallurgy/quality testing/washability/marketability
21. Large bulk sampling for confirmation of mineral characterization and processing

Why Is This Information Needed?

- To respond to the information needs of government associations, and industry;
- To develop policies to support and promote the industry;
- To support strategic planning by the industry.

Publications and reports that make extensive use of Exploration Expenditure Data:

Natural Resources Canada

- Exploration Information Bulletin - <https://www.nrcan.gc.ca/maps-tools-publications/publications/minerals-mining-publications/canadian-mineral-exploration/17762>
- Top 100 Exploration and Deposit Appraisal Projects Map - <https://www.nrcan.gc.ca/mining-materials/exploration/17179>
- Capital Investment Bulletin - <https://www.nrcan.gc.ca/capital-expenditures/17980>
- Mining Sector Performance Report - <https://www.nrcan.gc.ca/mining-materials/publications/18912>

Statistics Canada

- Annual Capital and Repair Expenditures Survey: Actual, Preliminary Actual and Intentions (CAPEX) - <http://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&SDDS=2803>

If you still need help, statistics, or any other publications or have comments, do not hesitate to contact us:

By telephone at: 1-800-267-0452 (toll-free in North America) or 343-292-8646
Web site: Mineral Exploration - <https://nrcan.gc.ca/MinExp>
Email: Mineral Exploration Statistics Office - [miningstats-statsminieres@nrcan-nrcan.gc.ca](mailto:statsminieres@nrcan-nrcan.gc.ca)

Survey results and Survey Form Download Area are available at:
Mineral Exploration - <https://nrcan.gc.ca/MinExp>

¹ Mine Complex Development.

² Exploration.

³ Preliminary Economic Assessment.

⁴ Pre-Feasibility Study.

⁵ Final Feasibility Study.