

Caution

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What does NI 43-101 say about using best practice guidelines?

• General Guidance (6) of Companion Policy 43-101CP

- Qualified person is <u>not</u> specifically required to follow best practice guidelines
- <u>However</u>, a qualified person acting as a "professional", will generally respect best practices as established by CIM or similar organizations in other jurisdictions
- Companies that disclose technical information not conforming to best practices could be making <u>misleading disclosure</u>
- Misleading disclosure is an offence under securities legislation

<u>Note</u>:

Regulators may challenge a company's disclosure if it appears to deviate from published industry best practice guidelines



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Nothing happens without money and confidence

- All mining companies require money to survive
- Companies with no revenue from production require money from investors through the capital markets
- Investors need to have confidence in the information reported by companies, and confidence that the in the capital markets are fair
- Confidence comes from:
 - Quality work by knowledgeable, experienced, and ethical professionals (qualified person)
 - Level playing field based on a clear set of rules, definitions, and best practices (NI 43-101 and CIM)
 - Transparent public reporting (technical report)







OSC DETARTORS STORE INTARTORS STORE INT 43-101: What it's not It's not a guarantee of good work It places an obligation on the company to have work done by a QP The QP is supposed to do it right It's not a cookbook for mineral estimation The rule sets disclosure standards, not estimation practices It's designed so others can review and judge the QP's work It's not a vetting process at the regulatory agency Just because a technical report is filed doesn't mean it's compliant

• It's the company's responsibility to comply





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What are the core principles of NI 43-101?



Qualified Person



The Canadian Institute of Mining, Metallurgy and Petroleum

CIM champions the world's best practices and expertise for integrated resource development at home and globally.

Standards & Best Practices



Technical Report

QP's role as a "gatekeeper":

- *QPs play a <u>critical "gatekeeper" role</u> in public protection and maintaining confidence in public markets*
- NI 43-101 can only function as intended if QPs understand their role in upholding the **public interest**









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Exploration stage

Dos

- ✓ Describe the type of samples
- ✓ Include drill hole location information
- ✓ Report higher grade zone within interval
- ✓ Report all the results good and bad
- Provide the name and location of the lab, analytical method, and comment on the QA/QC procedure
- Report historical estimates and exploration targets correctly, including cautionary language

Don'ts

- × Report visual estimates of grade
- × Selectively reporting "up to" results
- × Omit stating true widths of drill intervals
- × Smear assay results beyond support
- Misrepresent a geophysical or geochemical anomaly as a deposit
- × Report gross metal values
- × Report economics on an historical estimate or exploration target

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Mineral resource stage

Dos

- ✓ Provide the effective date
- ✓ Report both tonnes and grade
- Provide key assumptions, parameters, and methods
- ✓ Constrain the resource estimate
- State how equivalent grades were calculated
- ✓ Make use of section 3.5 of NI 43-101

Don'ts

- × Reporting only contained metal
- × Reporting gross metal values
- Using non-compliant resource modifiers, or reporting estimates without categories
- × Misuse of the term "ore"
- × Adding inferred resources to other categories of resources
- Ignoring CIM Definition Standards and CIM Best Practice Guidelines



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Mineral reserve stage

Dos

- ✓ Provide the effective date
- ✓ Report both tonnes and grade
- Provide key assumptions, parameters, and methods
- ✓ Account for all the modifying factors
- Note if resources are reported inclusive or exclusive of reserves
- ✓ Make use of section 3.5 of NI 43-101

Don'ts

- × Report only contained metal
- × Report gross metal values
- Use non-compliant reserve modifiers, or report estimates without categories
- **×** Report combined resources and reserves
- × Convert inferred resource to reserves
- Ignore CIM Definition Standards and CIM Best Practice Guidelines











ONTARIO OSC SECURITIES COMMISSION Format of a technical report **Early stage property** (exploration / resources) • Use Items 1-14 and 23-27 **Advanced stage property** (PEA on resources / reserves / production) • Use all Items 1-27 including: **15.** Mineral Reserves 16. Mining Methods 17. Recovery Methods 18. Project Infrastructure 19. Market Studies and Contracts 20. Environmental Studies, Permitting and Social or Community Impact 21. Capital and Operating Costs 22. Economic Analysis Instruction for Items 16 to 22 • PEA, PFS, and FS generally analyze and assess the same geological, engineering, and economic factors with increasing detail and precision 30

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Top 5 deficiencies: technical report (Form F1)

• Item 3: Reliance on other experts

• Must be limited to legal, political, environmental, or tax experts (not technical)

• Item 12: Data verification

• Lack of data verification by the QP, and lack of QP's opinion on adequacy of the data

• Item 11: Sample preparation, analyses and security

• Missing QA/QC info., assay and analytical procedures, name of lab, sample preparation

• Item 10: Drilling

• Missing location, azimuth, and dip of drill holes, true widths, higher grade intervals

• Item 14: Mineral resource estimates

• Lack of key assumptions, parameters, methods, and no discussion of material risks



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Website disclosure – Pitfalls (% non-compliance)

- **Exploration target** (79%)
 - Failing to express the target as a range of tonnes and grade
 - Missing cautionary language
- Historical estimate (60%)
 - Lack of information about the source and date of the historical estimate
 - Missing cautionary language

• Naming the QP (58%)

- QP needs to be named and their relationship to the company
- **PEA** (56%)
 - Lack of information about taxes
 - Missing cautionary language about the use of inferred resources
 - Unknowingly triggering a technical report
- Mineral resource and mineral reserve (50%)
 - No information about metal price assumptions and cut-off grades
 - Unclear if mineral resources include or exclude mineral reserves

CSA Staff Notice 43-309 Review of Website Investor Presentations by Mining Issuers (April 9, 2015)

ONTARIO OSC SECURITIES COMMISSION **Regulatory burden report** – November 19, 2019 **107** recommendations! O N T A R I O osc • Mining disclosure prospectus pre-file review REDUCING • Review of previously filed technical disclosure REGULATORY • Helps increase deal certainty and reduce risk of technical BURDEN **IN ONTARIO'S** disclosure wrecking a short form prospectus offering **CAPITAL MARKETS** • OSC Staff Notice 43-706 (June 6, 2019) 2019 • Confidential pre-file review of prospectuses • Modelled after the SEC quite filing process • Review of all documents required with the prospectus filing • Provides issuers and dealers with greater control over the prospectus offering • CSA Notice 43-310 (March 5, 2020) 34

OSC	Review of mineral resource estimates in technical reports – June 4, 2020
	CSA ACVM Canadian Securities Administrators Autorités canadiennes en valeurs mobilières
	CSA Staff Notice 43-311 Review of Mineral Resource Estimates in Technical Reports
	Stay tuned for details in the next webinar! November 25, 2020
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