



May 8, 2008

Independent Mathematical Contractors, Inc.
CP 108
Tacoma, WA 98402

Dear IMC:

I am contacting you because your reputation for clear, correct, and *discrete* analysis has been highly recommended to my company. We seek your assistance with a recent and (hopefully) lucrative mineral discovery. Our field team has unearthed evidence of a large, extremely rare, and valuable mineral deposit; we require your assistance to ascertain the best location to begin the extraction process.

Without revealing too many details (industrial spies are everywhere and would love to get the details of our location), the discovery was made in a flat, open expanse. Our geologists drilled three boreholes straight down to find that

- The first borehole reached the mineral deposit in question at a depth of 1000 feet.
- A second borehole, taken 100 feet due north of the first, reached the deposit at a depth of 950 feet.
- A third and final borehole, 100 feet east of the first, reached the deposit at a depth of 1025 feet.

We have every reason to believe that the mineral deposit is in the shape of a dome. *Your task is to determine where the deposit is closest to the surface* since this would indicate where to begin excavation. Time is of the essence as the location is in disputed territory. While we are anticipating a challenge to our mineral rights, a swift extraction could avoid any legal entanglements.

I look forward to receiving your report, which should be typewritten and 3–5 pages in length. Please submit you're the personnel assigned to this project along with a preliminary report by May 16, 2008. Your final report must be submitted by May 30, 2008. Electronic submissions are acceptable and pdf documents are strongly preferred.

Sincerely,

Stein Tegund

Stein Tegund
Geological Researcher and Legal Council
Mineral Explorers, Inc.