

Air Quality Monitoring – Daily report

Onsite monitor: Pascal Poirier

Onsite direction representative: Sarah Preston and Danny Wallace

Workers:

Crew 1	Parameter sampled	Crew 2	Parameter sampled
Patrice Jean	-	Darrel Cooks	asbestos, arsenic
Claude Deschesnes	arsenic	Stanley Cooks	silica
Louis Deschesnes	asbestos	-	-
Gabrielle Coursol	silica	-	-

Work description:

Working area 1: West Conveyors

Crew #1&2

Hazard materials and dust removal were done in the Conveyors.

Asbestos monitoring required (Y/N): N

Working area 1: Est Conveyors

Crew #1&2

Hazard materials and dust removal were done in the Conveyors.

Asbestos monitoring required (Y/N): N

Working area 2: Screen House

Crew #1&2

Hazard materials and dust removal were done on in the Screen House.

Asbestos monitoring required (Y/N): N

Air monitoring sampling/locations:

Occupational monitoring

Crew #1: Conveyor and Screen House (1 occupational sample set)

Crew #2: Conveyor and Screen House (1 occupational sample set)

Area monitoring

Downwind of the conveyors and screen house (3 area sample sets, see Figure below **1 2 3**)

Clean side of Decontamination unit

Comments:

Work was performed by two worker crews in three areas (West and Est Conveyor and Screen House). One set of pumps was installed per crew for occupational monitoring. Asbestos was monitored even though it was not required (No asbestos abatement) for additional information. Analysis were requested on OCC-A1-20150920, Area-A3-20150920 and OCC-B1-20150920 (Blank).

Pump and sampling issues occurred influencing the representativeness of the occupational air samples. All pumps were found disconnected from the cassettes when the workers went at the decontamination unit prior to lunch time. OCC-A1-20150920 (Asbestos) was lost during work. OCC-A1-20150920 & OCC-A2-20150920 cassettes/cyclones were inverted a few times during work and were in direct contact with dust. Pump #9 (OCC-A2-20150920 – Arsenic) broke,

Delta Engineering Ltd. will hire one worker who will be assigned to light work and wearing all sampling pumps in order to follow good handling procedure and obtain representative samples.

Analytical results will be sent upon reception.

Weather daily data summary:

Max temp oC	Min temp oC	Mean temp oC	Total rain mm	Total snow cm	Total precip mm
8.0	2.7	5.4	Trace	0	Trace

*Yellowknife A weather station (Environment Canada)

For wind speed and direction, refer to windrose on Figure below.

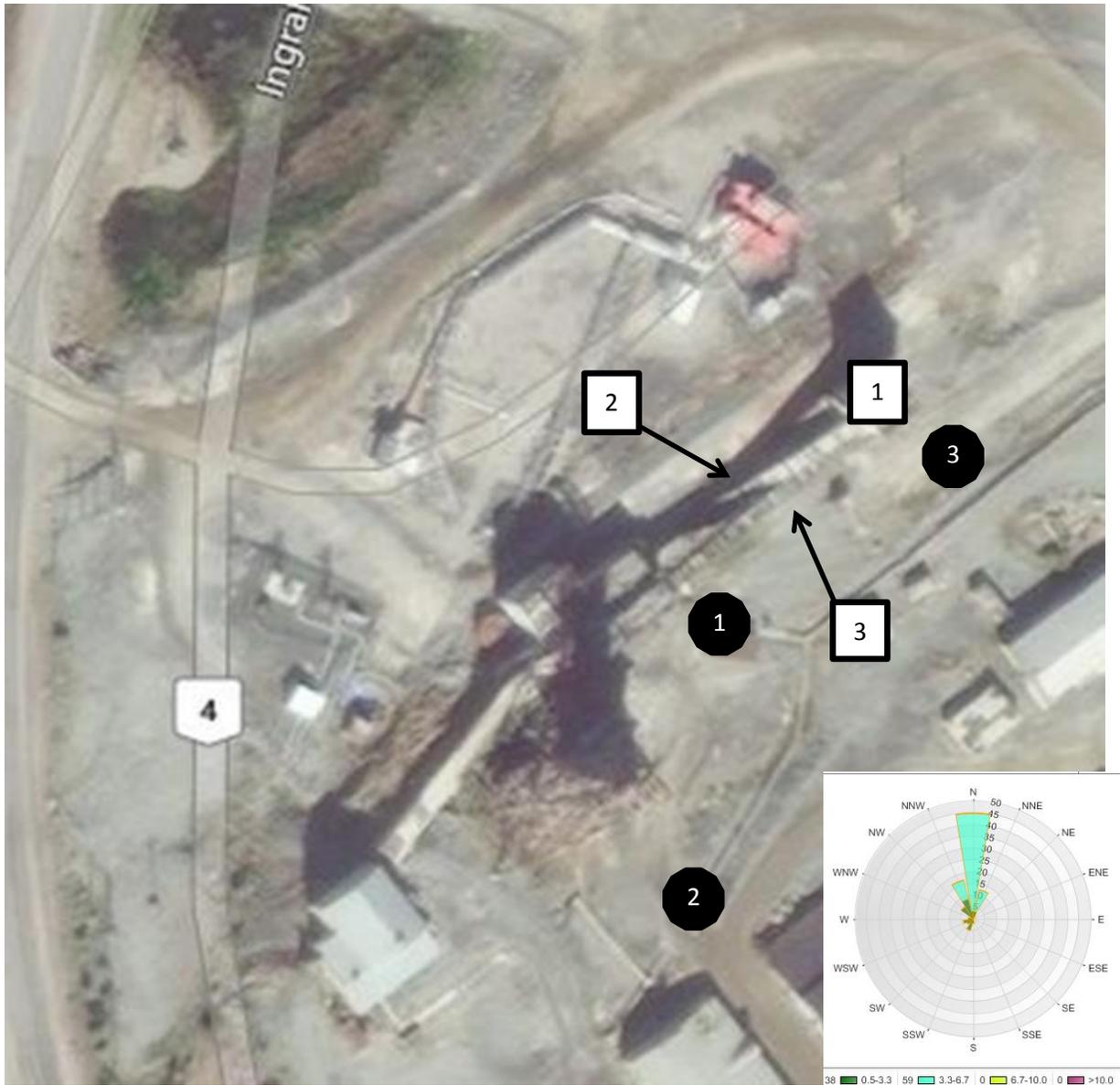


Figure: Area sampling location

Notes: The aerial picture comes from Bing Map.
The windrose comes from the Giant Mine weather station

Work areas: **1** Screen house
2 West Conveyor
3 Est Conveyor

Area sampling location:
1 Station 1 - Area sample location
2 Station 2 - Area sample location
3 Station 3 - Area sample location