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Calibration Report

Date:	July 1, 2019	Project:	Moosehorn
HIGrade Project #:	2019-DPI-001	Project Location:	Alaska
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Scan Tool	DPI 1901	Fire Assay Method	FAS-415, 30g fire assay, grav. finish
Image Scan Settings	1200 dpi	Assay Operator	MSA Labs
Image Adjust Setings	Moosehorn	Certificate #	YVR1910189
Image Processing Settings	Moosehorn		
Data Output Settings	Moosehorn		

Sample #	DPI [g/t]	Deviation [%]	Fire Assay [g/t]
1	0	0.0%	0
2	28	3.7%	27
3	237	3.9%	228
4	777	2.2%	760
5	541	-0.4%	543

Thickness Calibration

Particle Size [mesh]	Thickness Value [micron]
> 20 mesh	123
20-40 mesh	83
40-100 mesh	53
< 100 mesh	23

Summary

The optical DPI analysis correlates well with the industry standard fire assay. The deviation between the two methods is -0.4% to 3.9%. Five subsamples of table concentrate (approx 1g each) were analyzed with the non-destructive DPI tool, then blended with 24 g of clean silica sand and submitted for fire assays to MSALabs. Blending with silica sand homogenizes the sample and ensures that the maximum permissible fire assay grade (1000 g/t) is not exceeded.The sample contained no interferring minerals or metals, such as pyrite.

Reconciliation of Assay methods