

INSPIRATION MINING REPORTS ASSAY RESULTS FROM MAIDEN DIAMOND DRILL PROGRAM AT ROTTENSTONE NORTH GOLD-COPPER PROJECT

Vancouver, British Columbia – August 28, 2026 – Inspiration Mining Corp. (“Inspiration” or the “Company”) (CSE: ISP) (ISPNF-USA) (WKN: A40GPX) reports drill core assay results from its maiden diamond drilling program on its 100%-owned Rottenstone Northwest Gold-Copper project (the “Project”) in Northern Saskatchewan (see Company news releases May 1, 2026 and July 7, 2026).

The drilling program comprised 608 metres in four holes drilled between May 12 and May 26, 2026. Three holes were completed to target depth. A fourth hole was abandoned in 38 metres of overburden without reaching bedrock after helicopter support became unavailable. Ninety-four core samples were submitted to PMC Labs of Maple Ridge, British Columbia (an independent analytical laboratory) for sample preparation and geochemical analysis.

All 94 core samples returned background values for copper, zinc, lead and silver, and all 92 samples with a gold determination returned background gold. No interval meets a conventional reporting cut-off and the Company is not reporting a mineral discovery. The full results, the geology encountered and the Company’s interpretation are set out below.

Charles Desjardins, CEO of Inspiration Mining comments that ‘We are very pleased with the results achieved to date. These results are assisting us in guiding the next phase of work. The price of gold and copper have been trending up and we are optimistic this trend will continue.’

Highlights

- 608 metres drilled in four holes; three holes completed; one abandoned in overburden.
- 94 core samples analyzed, together with 11 quality control samples, an insertion rate of 10.5%.
- Best gold result is 0.276 g/t Au over 1.00 metre in hole RN26-001 from 22.30 metres, within a broader 8.73 metre interval averaging 0.045 g/t Au from 16.63 metres.
- Best silver result is 3.65 g/t Ag over 1.00 metre in hole RN26-001 from 107.39 metres.
- Base metals were uniformly background. The highest copper returned by any core sample was 243 ppm Cu (0.024% Cu), and three ultramafic units in hole RN26-001 returned no nickel or cobalt tenor, with nickel across the program peaking at 28.3 ppm Ni.

Drilling Program Summary

Table 1. Drill hole collar summary from 2026 program (NAD83 UTM Zone 13V).

Drill Hole	UTMX (mE)	UTMY (mN)	Azimuth (°)	Dip (°)	*Length (m)	No. Core Samples
RN26-001	486539	6211572	135	-50	302	59

Drill Hole	UTMX (mE)	UTMY (mN)	Azimuth (°)	Dip (°)	*Length (m)	No. Core Samples
RN26-002	484445	6210942	330	-50	182	25
RN26-003	490559	6216166	300	-75	86	10
RN26-004	—	—	—	—	38	0
			Total:		608	94

Assay Results

Every interval returning gold above 0.025 g/t Au or silver above 1.0 g/t Ag is set out in Table 2. These are anomalous values only. No interval in Table 2 meets a cut-off grade that would support the reporting of a significant intercept.

Table 2. Gold and silver anomalous intervals, length-weighted composites. All intervals returning gold above 0.025 g/t Au or silver above 1.0 g/t Ag are shown.

Hole	From (m)	To (m)	Length (m)	Au (g/t)	Ag (g/t)
RN26-001	4.00	5.00	1.00	0.030	<0.5
RN26-001	16.63	25.36	8.73	0.045	<0.5
<i>including</i>	20.30	24.30	4.00	0.084	<0.5
<i>including</i>	21.30	23.30	2.00	0.156	<0.5
<i>including</i>	22.30	23.30	1.00	0.276	<0.5
RN26-001	48.80	49.80	1.00	0.038	<0.5
RN26-001	101.78	103.26	1.48	0.028	<0.5
RN26-001	107.39	108.39	1.00	<0.015	3.65
RN26-001	126.00	127.00	1.00	0.038	<0.5
RN26-001	130.00	131.00	1.00	0.035	<0.5
RN26-001	188.00	190.00	2.00	0.026	<0.5

In Table 2, composites are length-weighted over contiguous sampled intervals with no internal gaps. Values below detection are set at half the detection limit for weighting; where every sample in a composite is below detection, the detection limit is shown. Detection limits are 0.015 g/t Au and 0.50 g/t Ag. Intervals are downhole core lengths and true widths are not known.

Base metals were uniformly background across the program and no base metal interval is reported. The highest base metal values returned by any single core sample were 243 ppm Cu (0.024% Cu), 240 ppm Zn, 30.4 ppm Pb, and 28.3 ppm Ni, against a median copper of 21 ppm Cu. The complete multi-element dataset for all 94 core samples, together with the quality control results, is available from the Company on request.

Geology

The three completed holes intersected a granodiorite-dominated gneiss package with intercalated pelitic and psammopelitic gneiss, tonalite and granodiorite, consistent with the amphibolite-facies supracrustal and intrusive

rocks mapped regionally in the La Ronge Domain of the Trans-Hudson Orogen.

RN26-001 collared into intercalated pelitic gneiss and tonalite and passed through a mafic to gabbroic unit between 61.5 and 94.7 metres. Three discrete ultramafic units were logged, at 94.7 to 96.1 metres, 189.46 to 194.58 metres and 220.4 to 225.95 metres, the thickest being 5.55 metres. Thin ultramafic slivers were logged within the granodiorite gneiss at various depths to 260.19 metres. Sulphides were sparse throughout, mostly 1 to 3% disseminated and interstitial pyrite, with trace chalcopyrite, pyrrhotite and pentlandite logged over 21.30 to 22.30 metres and again over 28.17 to 29.00 metres. Possible sphalerite was logged at 133.35 to 134.00 and 137.31 to 138.31 metres, and interstitial magnetite through the mafic unit from 63 to 94.7 metres.

The 21.30 to 24.30 metre zone carries the program's best gold (0.276 g/t over 1.00 metre at 22.30 metres), its best copper (243 ppm over 1.00 metre at 21.30 metres) and its highest sulphur (2.86% at 23.30 metres). It is the only place in the program where a coherent gold-copper-sulphur association was observed.

The ultramafic units returned no nickel or cobalt tenor. Nickel across the program peaked at 28.3 ppm and cobalt at 4.6 ppm. On the evidence of these three holes, the ultramafic rocks at the collar locations tested do not carry the sulphide nickel signature of the historic Rottenstone Ni-Cu-PGE deposit to the south.

RN26-002 intersected granodiorite gneiss with intercalated pelitic and psammopelitic gneiss and a thin gabbroic unit between 138.59 and 140.80 metres. Smoky-grey and white quartz veining with 1 to 3% pyrite was logged at several depths, most notably 73 to 78 metres, 110.00 to 110.85 metres and 163.83 to 164.00 metres. These vein sets are the closest textural analogue in the program to the quartz-hosted style reported elsewhere in the district, but they returned no gold above 0.024 g/t.

RN26-003 was terminated at 86 metres in granodiorite and tonalite with intercalated psammopelitic gneiss. Sulphides were limited to trace interstitial pyrite.

Interpretation and Next Steps

The program tested three widely separated targets across a large land position, with collar separations of 2.2, 6.1 and 8.0 kilometres. The results demonstrate that the specific structures tested are not mineralized at the depths intersected, but they do not close off the Project.

The Company's technical team considers the following the material takeaways:

1. **The targeting basis requires revalidation.** The holes were sited on regional geophysics, interpreted structural corridors and Advanced Atomic Mineral Resonance Tomography ("AMRT") satellite anomalies. None of the three holes intersected mineralization at the anomaly positions. The satellite-derived targeting will be tested against the drill results before it is used to site further holes.
2. **The quartz vein sets in RN26-002 warrant follow-up.** Smoky-grey quartz veining with pyrite is present but was intersected at low volume and, on the logs, at high angles to core axis. Structural orientation data sufficient to determine vein attitude were not collected. Oriented core is recommended for any follow-up.
3. **The RN26-001 sulphide interval at 21 to 24 metres is the only coherent geochemical anomaly in the program.** It is near surface, weak, and one metre of 0.276 g/t gold is not by itself material. Whether it represents the distal edge of a system or a barren sulphide occurrence cannot be resolved from one hole.

4. **Ground follow-up should precede any further drilling.** Prospecting, soil geochemistry and ground geophysics over the eastern boundary trend would materially reduce the cost per target relative to helicopter-supported drilling.

The Company is reviewing the program results, will complete a structural re-log of the 2026 core, and will provide an update on its 2027 exploration plans in due course. The Company has no current commitment to a follow-up drill program at Rottenstone North.

Management cautions that past results or discoveries on properties in proximity to Inspiration may not necessarily be indicative of the presence of mineralization on the Company's properties.

Quality Assurance and Quality Control

Core was logged, photographed and sampled at the Company's field facility. Sample intervals were selected on lithology and sulphide content and range from 0.40 to 1.06 metres. Core was cut in half, with one half submitted for analysis and one half retained.

Samples were submitted to PMC Labs of Maple Ridge, British Columbia, under job PJ54_Jun2026_05. Multi-element analysis was by aqua regia digestion with ICP finish. Gold was determined by photon assay with a detection limit of 0.015 g/t. Every tenth sample was also submitted to a second, independent laboratory for a full multi-element suite including gold by fire assay. The highest gold returned by the check assays was 0.026 g/t. Where both laboratories quantified gold the check result was consistently the lower of the two, and the Company has raised this with both laboratories. The two datasets agree that the program returned background gold.

Eleven quality control samples were included among 105 submissions, a rate of 10.5%. These comprised four certified reference materials (CDN-ME-2205 and CDN-CM-44), four blanks (CDN-BL10-T) and three field duplicates. Ten laboratory pulp duplicates and five laboratory-inserted certified reference materials were also reported.

Field and laboratory duplicates performed acceptably at the concentrations encountered. Several exceptions are noted on the control samples. One blank returned 154 ppm zinc against a certified 47 ppm. The remaining three blanks returned zinc between 36.0 and 37.7 ppm, below the certified window, consistent with partial zinc extraction under aqua regia. One CDN-ME-2205 insert returned copper and lead above the certified tolerance and the second returned silver marginally below it. Both CDN-CM-44 inserts returned copper above the upper reporting limit of the ICP method and neither returned a gold value, so gold accuracy is unassessed on those two inserts. The Company has requested over-limit re-assays and a laboratory review of the affected batch. Given that every core sample in the program returned background values, these exceptions do not affect the results reported above.

National Instrument 43-101 Disclosure

Dr. Scott Jobin-Bevans, P.Geo. (APEGs No. 82498; PGO No. 0183), an independent adviser to the Company, is a qualified person as defined by NI 43-101, Standards of Disclosure for Mineral Projects. Dr. Jobin-Bevans has reviewed and approved the technical content in this news release.

About Inspiration Mining Corp.

Inspiration Mining Corp. is engaged in the business of mineral exploration and the acquisition of mineral property assets in Canada. Its objective is to locate and develop properties of merit and to conduct exploration on the

Company's properties. For more information, please refer to the Company's information available on SEDAR+ (www.sedarplus.ca).

On Behalf of the Board of Directors

Charles Desjardins

CEO, President and Director

Phone: 604-808-3156

Email: info@inspiration.energy

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