

Badlands Resources Inc. Reports High-Grade Gold Results From Surface Exploration Program In The Black Hills

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[Badlands Resources Inc.](#) (TSXV: BLDS) (FSE: B7Q) ("Badlands" or the "Company") is pleased to announce the successful results from its fall 2023 field exploration program, identifying multiple high-grade gold trends at the Bella Project, located in the Black Hills of South Dakota.

News Highlights

- Five Main High-Grade Gold Trends: The company identified five main high-grade gold trends with approximately 20 km of strike length at surface through mapping and sampling.
- Grab Samples Returned Assays up to 20 g/t Au. Out of the 420 grab samples collected, 60 samples returned over 5 g/t Au.
- Gold mineralization hosted in Banded-Iron Formation. Only 40% of the prospective mineralized unit has been prospected by the Company.
- Systematic Approach. The initial program has assisted in prioritizing the main targets for advanced exploration given that the mineralized unit has a surface expression of 50 km.

Dale Ginn, President and CEO of Badlands, commented, "The initial success of the 2023 Field Program gives confidence of the gold prospectivity in the Black Hills. Historically, the Company's focus was drilling deep extensions of the Standby Mine, but these samples reinforce the high-grade gold potential at surface. Badlands will continue to advance the near surface targets through exploration efforts of the team."

Figure 1. Badlands 2023 Field Exploration Program, identifying five major gold trend at the Bella Project

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/4317/226998_4179b6fdc4893bb7_001full.jpg

Discussion of Results

The Bella project covers a large under-explored package of banded iron formation hosted in a greenstone to amphibolite facies sedimentary and volcanic succession. The project shares striking similarities to the Homestake Mine which is located 30 km to the north. At both locations, the gold is concentrated in the local iron formation, particularly where it is has been thickened by regional folding. The iron formation at the two locations has been noted to be stratigraphically distinct but nearly identical in composition.

Badlands collected a total of 420 rock samples to investigate prospective areas identified from Lidar and historical data. Results have highlighted five trends which the Company plans to follow up on with systematic surface sampling and possible drill targeting. These trends have been named Lookout, Standard, Cochrane, King of West, and Montezuma.

Lookout Trend

The Lookout trend extends 2.5 km southeast from the historic Standby Mine. The majority of samples were collected from the altered, sheered, and folded Rochford iron formation which locally encompasses the Nahant Schist and Rapid Creek Greenstone. Grab sample highlights include 19.2 g/t Au, 18.95 g/t Au, and 17.7 g/t Au.

Figure 2. Plan Map of the Lookout trend showing high-grade sample results

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/4317/226998_4179b6fdc4893bb7_002full.jpg

Table 1. Selected assay results from the Lookout Trend

Sample ID	Latitude	Longitude	Au (g/t)
23-MMV-234	44.10162	-103.70969	19.20
23-MMV-533	44.09224	-103.70589	18.95
23-MMV-243	44.10067	-103.71254	17.70
23-MMV-221	44.10681	-103.71308	14.20
23-MMV-223	44.10826	-103.71304	14.00
23-MMV-241	44.10251	-103.71301	13.20
23-MMV-240	44.09822	-103.70494	13.05
23-MMV-238	44.10466	-103.70497	13.00
23-MMV-226	44.10914	-103.71383	12.15
23-MMV-246	44.10563	-103.71267	10.50

Standard Trend

The Standard trend extends 2.5 km over iron formation which has been regionally folded and thickened. The north of the trend hosts the historic Standard Mine, while the south hosts the Gold King Mine. Production numbers for both mines are unknown due to incomplete records. Sampling highlights include 17.50 g/t Au and 16.15 g/t Au.

Figure 3. Plan Map of the Standard trend showing high-grade sample results

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https://images.newsfilecorp.com/files/4317/226998_4179b6fdc4893bb7_003full.jpg

Table 2. Selected assay results from the Standard Trend

Sample ID	Latitude	Longitude	Au (g/t)
23-MMV-643	44.14204	-103.695	17.50
23-MMV-324	44.14611	-103.692	17.15
23-MMV-340	44.14972	-103.698	13.40
23-MMV-258	44.1304	-103.696	12.35
23-MMV-281	44.13271	-103.696	8.46
23-MMV-646	44.14181	-103.694	6.87
23-MMV-327	44.14526	-103.693	6.73
23-MMV-289	44.13341	-103.697	6.66
23-MMV-651	44.14316	-103.691	6.53
23-MMV-325	44.14571	-103.693	4.89

Cochrane Trend

The Cochrane trend covers the 1.2 km of iron formation surrounding the Cochrane mine, which has a recorded historic production of 826 ounces.^[1] Mineralization has been noted to be strongest at the contact between iron formation and the strongly sheared Nahant Schist which is in the core of the trend. Sampling returned anomalous results including 9.76 g/t Au and 9.39 g/t Au.

Figure 4. Plan Map of the Cochrane trend showing high-grade sample results

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/4317/226998_4179b6fdc4893bb7_004full.jpg

Table 3. Selected assay results from the Cochrane Trend

Sample ID	Latitude	Longitude	Au (g/t)
23-MMV-544	44.09745	-103.723	9.76
23-MMV-586	44.10056	-103.732	9.39
23-MMV-583	44.10053	-103.733	7.25
23-MMV-543	44.09758	-103.723	3.6
23-MMV-540	44.09734	-103.722	2.8
23-MMV-591	44.10174	-103.733	2.14
23-MMV-550	44.09397	-103.724	1.88
23-MMV-541	44.0977	-103.722	1.63

King of the West

The King of the West trend covers 2.1 km of iron formation with a complicated structural history which has created thickened iron formation hinges. Historic mines in the area have recovered over 1,780 ounces¹ of gold. Iron formation within the area is surrounded by Poverty Gulch Slate. Anomalous results include 16.8 g/t Au and 15.6 g/t Au in grab samples.

Figure 5. Plan Map of the King of the West trend showing high-grade sample results

To view an enhanced version of this graphic, please visit:

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Table 4. Selected assay results from the King of the West Trend

Sample ID	Latitude	Longitude	Au (g/t)
23-MMV-444	44.1387	-103.723	16.8
23-MMV-445	44.13883	-103.722	15.6
23-MMV-397	44.12167	-103.711	13.95
23-MMV-460	44.14171	-103.723	13.95
23-MMV-446	44.13916	-103.723	9.78
23-MMV-405	44.12327	-103.713	9.42
23-MMV-416	44.12668	-103.714	8.24
23-MMV-428	44.13116	-103.717	8.07
23-MMV-402	44.12269	-103.712	4.96
23-MMV-418	44.12705	-103.716	4.61

Montezuma

The Montezuma trend is associated with the Montana Mine Formation, which is stratigraphically lower than the Rochford Formation found elsewhere on the property. It is bordered by greenstone to the west and schist to the east. Anomalous results include 12.5 g/t Au.

Figure 6. Plan Map of the Montezuma trend showing high-grade sample results

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/4317/226998_4179b6fdc4893bb7_006full.jpg

Table 4. Selected assay results from the Montezuma Trend

Sample ID	Latitude	Longitude	Au (g/t)
23-MMV-669	44.08995	-103.766	12.50
23-MMV-160	44.10058	-103.774	9.95
23-MMV-120	44.09813	-103.773	9.78
23-MMV-161	44.10063	-103.774	8.81
23-MMV-689	44.0941	-103.77	8.51
23-MMV-107	44.08456	-103.761	7.94
23-MMV-678	44.09107	-103.763	7.81
23-MMV-673	44.09004	-103.768	5.27
23-MMV-140	44.08439	-103.762	4.78
23-MMV-679	44.09117	-103.763	4.66

QAQC

Samples collected in the field had standard or blank material inserted into the sample stream at 25 sample intervals before being sent to ALS in Reno, Nevada, a certified commercial laboratory. The samples were analyzed for gold using fire assay and ICP-AES (code Au-ICP21). Overlimit samples (>10 g/t Au) were given a gravimetric finish (code Au-GRA21).

The Company also advises that the private placement announced in its news release of July 30, 2024, has been cancelled.

About Badlands

Badlands, through its wholly owned subsidiary, is a gold focused exploration company in the Black Hills, South Dakota. The Company has strategically consolidated 7,858 acres, 20 km along trend from the Homestake Mine that produced 42 million ounces of gold. The Bella Project has over 90% of exposed Banded Iron Formation not covered by sampling and is determined to explore the near surface potential.

On Behalf of the Board of Directors
BADLANDS RESOURCES INC.
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¹ Allsman P.T., 1940: Reconnaissance of Gold-Mining Districts in the Black Hills, S. Dakota., Bureau of Mines. Bulletin 427, p. 90-107, 123, 146.

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