ASX ANNOUNCEMENT

16 April 2025

Bayan
Mining and Minerals Limited

FIELDWORK COMPLETED AT BAYAN SPRINGS, NEVADA, USA AND ASSAY RESULTS RECEIVED AT PEPITA GOLD PROJECT, BRAZIL

Highlights

- Fieldwork reconnaissance sampling program completed at the Bayan Springs Project in Nevada, USA.
- The field program targeted high-priority areas identified through prior desktop geological studies.
- In total 107 rock chip and soil samples collected and submitted to ALS Geochemistry Laboratory in Reno, Nevada, USA for geochemical analysis.
- The program targeted areas considered prospective for gold, silver, and antimony mineralisation, with results expected in May 2025.
- Results from this campaign will guide the next phase of exploration, including detailed targeted follow up programs and drill planning.
- Bayan has expanded its footprint in Nevada through the staking of three additional claims adjacent to the existing Bayan Springs South tenements.
- Assay results for 89 rock chip, soil and stream sediment samples have been received from Pepita Gold Project in Brazil.

Bayan Mining and Minerals Ltd (ASX: BMM; "BMM" or "the Company") is pleased to advise the completion of its fieldwork reconnaissance program at the Bayan Springs Projects and results from the sampling program at the Pepita Gold Project in Brazil.

The initial fieldwork program was completed across both the North and South tenement areas in Nevada, USA. The program was designed to validate and expand upon targets generated through previous geological desktop studies, which highlighted the region's prospectivity for gold, silver, and antimony mineralisation.

Field teams conducted random rock chip and soil sampling across interpreted structural corridors, particularly those associated with known mineralised trends and historical anomalies.

In total, 107 samples were collected from high-priority areas, with particular attention given to zones featuring favourable lithologies and structural complexity. This work represents the Company's first on-ground campaign at the Bayan Springs Projects and was completed under the supervision of Bayan's General Manager of Exploration, Mr Dejan Jovanovic. The collected samples have now been dispatched for geochemical analysis, and the resulting data will form the basis for further exploration planning, including detailed mapping, infill sampling, or drill targeting where appropriate.

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Executive Director Fadi Diab commented:

"We're pleased with the successful completion of fieldwork at our Bayan Springs Project in Nevada, USA, which marks an important step in advancing our exploration efforts in this highly prospective region. The expansion of our landholding to secure a known gold anomaly and the systematic targeting of gold, silver, and antimony zones reflects our strategic focus on building scale within proven mineral districts. We look forward to receiving assay results and using that data to shape the next phase of exploration."

Figure 1: BMM Exploration Manager and Independent Geologists conducting field work at Bayan Springs Projects

During the site visit, the field crew identified additional outcropping Jurassic-aged jasperoid breccia and dike structures adjacent to the eastern extension of BMM's claim block. These features are considered strong indicators of hydrothermal activity, likely associated with deep-seated faults acting as fluid conduits. In response, Bayan has expanded its footprint in Nevada through the strategic staking of three additional claims adjoining the existing Bayan Springs South tenements.

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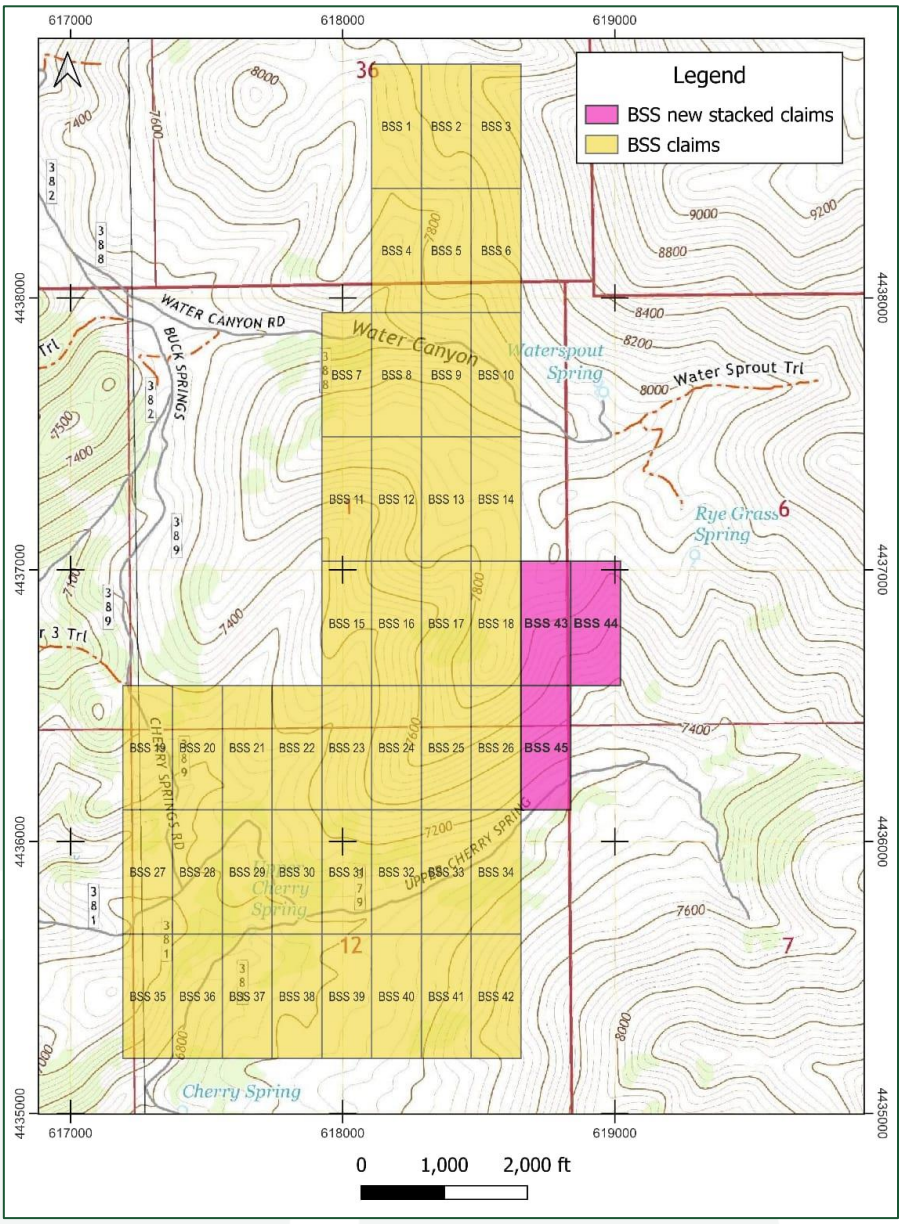

Figure 2: Newly staked Bayan Springs South claims adjacent to the existing BMM claim holdings

Next Steps

Bayan has dispatched samples for assay following the completion of fieldwork at the Bayan Springs Project and assay results to be expected in May 2025 to guide the next phase of exploration.

Upon receipt of assay results, the Company will undertake a thorough review and interpretation of the geochemical data to inform its next phase of exploration. These results will be critical in shaping the forward strategy, including targeted delineation follow-up programs and potential drill planning.

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Pepita Gold Project, Brazil

At the Pepita Gold Project in southern Brazil, Bayan recently concluded a preliminary surface sampling campaign following the application for exploration licenses over 13,406 hectares of prospective ground. The campaign was designed to validate historical soil geochemistry data previously identified by the Brazilian Geological Survey.

Fieldwork was focused on key structural corridors within the Santo Afonso Granite Suite, known for its favourable geological setting for gold mineralisation, including major WNW-ESE fault systems and hydrothermal alteration zones. A combination of rock chip and soil samples was collected across priority targets to test these structures and geochemical responses.

A total of 89 samples were collected including 78 soil samples on a pre-planned grid targeting fracture zones and predictive lineaments, 10 rock chip samples collected at sparse outcrops of interest and 1 stream sediment sample collected from an accessible drainage area. *(See appendix 1)*

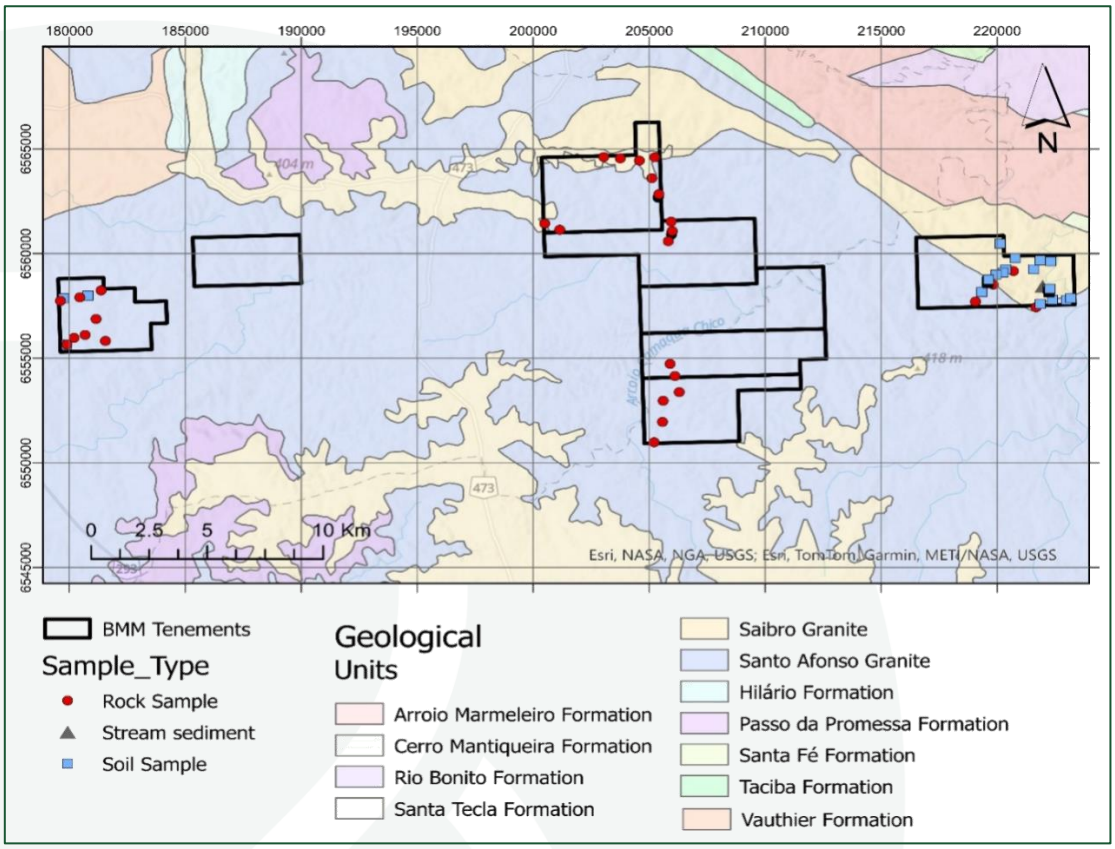

Figure 3: Pepita Project Sampling Location Map

No significant anomalous zone has been observed during initial sampling program. Refer to Appendix 1 for detailed assay results.

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About Bayan Spring North Project

The Bayan Spring North project consists of 116 lode claims covering approximately 9.7 km2. It is adjacent to Sun Silver Ltd (ASX:SS1) Maverick Springs Project, which holds a JORC 2012 Inferred Mineral Resource of approximately 218.5 million tonnes at 68.29g/t AgEq, contained 480Moz AgEq[1].

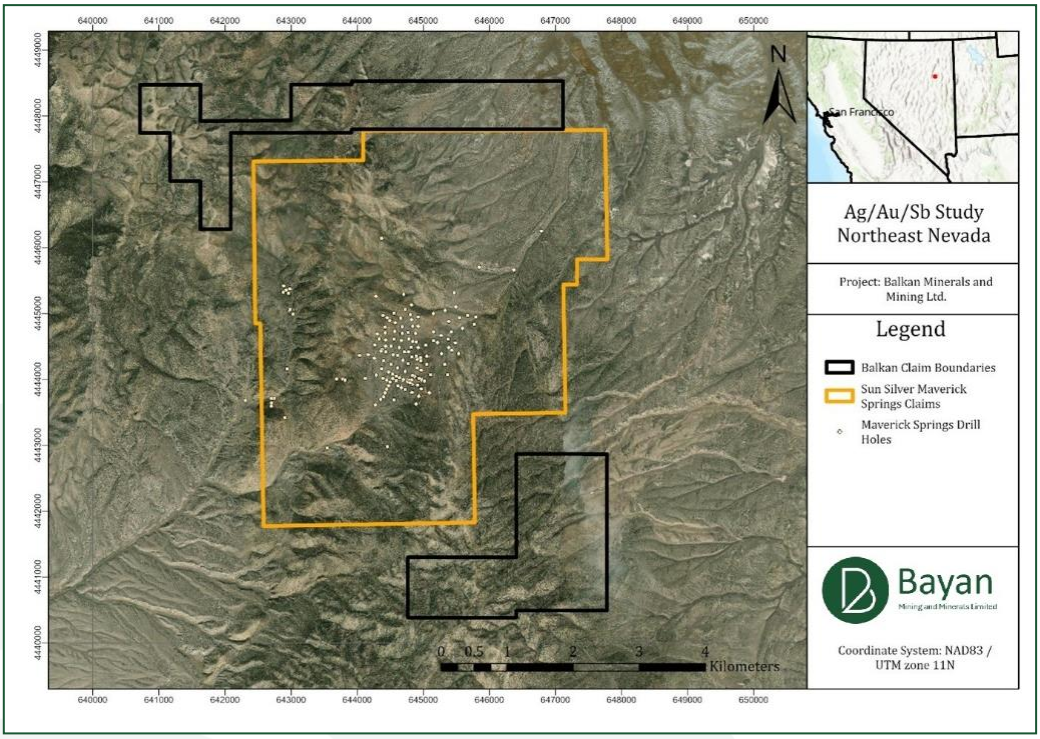

Figure 4: Maverick Springs, Sun Silver´s project boundary and Known Drill Hole Locations

The project is located in the Northern Maverick Springs Range, south Elko County and north White Pine County, Nevada, USA. It is located approximately 85 km south of Elko and 105 km to the north-northwest of Ely. The Project area is accessible by paved Lamoille Highway and Harrison Pass Road to Ruby Valley from where is accessible by a well-maintained gravel road.

The primary hosts for silver and gold mineralisation are the silty limestone and fine-grained calcareous clastic sediments of the Rib Hill Formation. These formations are exposed over a remarkable 40 km stretched zone, striking north north-westerly.

Felsic to intermediate intrusive centres outcropping south and north of the project area are interpreted to have acted as feeder systems for Tertiary volcanic flows,

[1] Refer to Sun Silver Limited (ASX:SS1) ASX Announcement titled 'Maverick Springs Resource increased by 57Moz AgEq to 480Moz AgEq at 68.29g/t AgEq' dated 26 March 2025.

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potentially influencing the migration of mineralising fluids into surrounding favourable host environment.

Regionally, the project area lies within the tectonically active Great Basin province and in proximity to the Carlin Trend, a significant structural feature that demarcates a deep-seated fault. This fault line separates thicker, stable continental crust to the east from a zone of thinned, transitional crust to the west, providing structural conduits favourable for migration, concentration and deposition of gold and silver mineralisation. Historical exploration in this geologic setting reveals structural trends and faulting that may play a role in localising mineralisation within the project area.

Locally, the project area lies within a geologically diverse region dominated by carbonate formations that record a history of continental margin sedimentation. These include limestones and dolostones of the Permian-Pennsylvanian Rib Hill Formation, limestones of the Permian Pequop Formation, and carbonate strata of the Permian Park City Group. Locally, these sedimentary units have been intruded by Jurassic and Cretaceous acidic to intermediate, biotitic igneous rocks, and subsequently overlain by Tertiary volcanic deposits, including rhyolites and Late Tertiary tuffs.

This region's combination of carbonate-rich sedimentary units and structural complexity makes it permissive for sediment-hosted gold and silver mineralisation. Carbonate rocks, especially in proximity to intrusive bodies, often provide chemically reactive settings conducive to metal deposition. The presence of deep-seated faults, proximity to the Carlin Trend, also facilitates the movement of mineralising fluids through these permeable carbonate units, increasing the likelihood of significant mineral accumulation. Collectively, these geological factors create a favourable environment for discovering substantial sediment-hosted precious metal deposits.

About Bayan Spring South Project

The Bayan Spring South Project is located along the prolific Carlin Trend and consists of 42 lode claims covering an area of approximately 3.54 km^2. The Project is located east of Bellview Au-Ag-Pb Deposit[2] and approximately 10 km north of Kinross Gold Corporation (NYSE:KGC) Bald Mountain mine, a major gold mining operation in Nevada with approximately 2.7 million ounces in Measured and Indicated Resources (as of 31 December 2024)[3].

2 The Diggings 2024. https://thediggings.com/mines/12815

3 Kinross Gold Corporation (NYSE:KGC) 2024 Annual Mineral Reserve and Resource Statement.
Kinross' mineral reserve and mineral resource estimates as of December 31, 2024, were classified in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") "CIM Definition Standards - For Mineral Resources and Mineral Reserves" adopted by the CIM Council in accordance with the requirements of National

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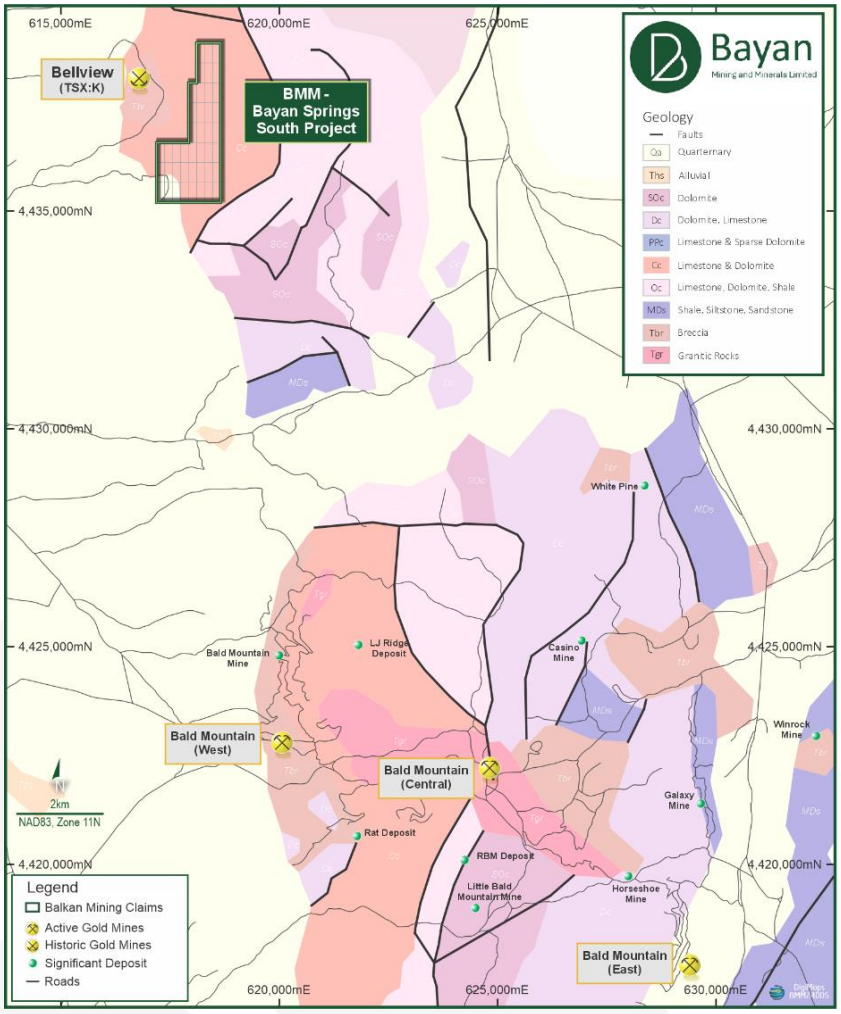

Figure 5: Bayan Springs South – Regional Geological Map

The project is situated on the southern slopes of the Ruby Mountains in northwest White Pine County, Nevada, USA, approximately 85 km south of Elko and 110 km northwest of Ely. The project area is accessible via the paved Lamoille Highway and Harrison Pass Road leading to Jiggs, with a well-maintained gravel road providing direct access to the site.

Geologically, the project is located within southern extension of the prolific Carlin trend. The broader project area is characterised by a conformable sequence of Cambrian limestones, dolomites, shales, quartzites, siltstones, and altered jasperoids, which generally dip to the SSE. These sedimentary rocks have been intruded by a Jurassic quartz-monzonite stock and associated felsic dykes.

Instrument 43-101 "Standards of Disclosure for Mineral Projects". Mineral reserve and mineral resource estimates reflect Kinross' reasonable expectation that all necessary permits and approvals will be obtained and maintained.

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Significant pre- and post-mineral faulting has resulted in a complex structural framework influenced by intersecting NW- and NNE-trending crustal fractures.

Figure 6: Bayan Spring Project Location Map

About Pepita Gold Project

The Pepita Gold Project is a strategic landholding of 13,406 hectares across eight contiguous exploration claims in southern Brazil. Situated within the Santo Afonso Granite Suite, the project lies approximately 35 kilometres southwest of Lavras Gold's Lavras do Sul Project and is adjacent to the region's most prominent gold-in-soil anomaly, identified through historic government geochemical surveys. The Santo Afonso Suite is recognised for its complex structural geology, which includes major WNW-ESE fault zones and hydrothermal alteration systems conducive to gold deposition.

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Initial exploration efforts at Pepita have focused on validating these historical anomalies and assessing the project's potential to host significant gold mineralisation. The region benefits from supportive infrastructure, including highway access, proximity to skilled mining labour, and a stable regulatory framework. Pepita represents a high-potential, early-stage exploration asset for Bayan, located in one of Brazil's most prospective but underexplored gold terrains.

Figure 7: Pepita Project Location Map

For further information, please contact:

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Authorised for release by the Board of Bayan Mining and Minerals Limited

-ENDS-

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Competent Persons Statement

The information in this report that relates to Exploration Targets or Exploration Results is based on information compiled by Mr Dejan Jovanovic, a Competent Person who is a Member of the European Federation of Geologists (EurGeol). The European Federation of Geologists is a Joint Ore Reserves Committee (JORC) Code 'Recognised Professional Organisation' (RPO). An RPO is an accredited organisation to which the Competent Person under JORC Code Reporting Standards must belong to report Exploration Results, Mineral Resources, or Ore Reserves through the ASX. Mr Jovanovic is the General Manager of Exploration and is a part-time contractor of the Company. Mr Jovanovic has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Jovanovic consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements.

The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

Forward-looking Statements

Certain statements included in this release constitute forward-looking information. Statements regarding BMM's plans with respect to its mineral properties and programs are forward-looking statements. There can be no assurance that BMM's plans for development of its mineral properties will proceed as currently expected. There can also be no assurance that BMM will be able to confirm the presence of additional mineral resources, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of BMM's mineral properties. The performance of BMM may be influenced by a number of factors which are outside the control of the Company and its Directors, staff, and contractors.

These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements.

Except for statutory liability which cannot be excluded, each of BMM, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in these forward-looking statements and excludes all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in forward-looking statements or any error or omission. BMM undertakes no obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events other than required by the Corporations Act and ASX Listing Rules. Accordingly, you should not place undue reliance on any forward-looking statement.

Proximate Statements

This announcement contains references to mineral exploration results derived by other parties either nearby or proximate to the Bayan Springs North and South Projects and includes references to topographical or geological similarities to that of the Bayan Springs North and South Projects. It is important to note that such discoveries or geological similarities do not in any way guarantee that the Company will have similar exploration successes on the Bayan Springs North and South Projects, if at all.

This announcement contains references to mineral exploration results derived by other parties either nearby or proximate to the Pepita Project. It includes references to topographical or geological similarities to that of the Pepita Project. It is important to note that such discoveries or geological similarities do not guarantee that the Company will have similar exploration successes on the Pepita Project, if at all.

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Appendix 1: Pepita Gold Project, Brazil - Rock Chip, Stream Sediments and Soil Samples Assay Results

Sample ID	Sample Type	Easting	Northing	RL	Au_ppb	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	P2O5_%	SiO2_%
PEP-R-001	Rock	221677	6557435	314	<5	12.36	1468	0.22	<0,01	2.49	5.65	0.61	0.04	1.44	0.02	76.18
PEP-R-005	Rock	222983	6557774	286	<5	1.01	30	0.08	<0,01	1.28	0.05	0.13	0.01	0.23	<0,01	>90
PEP-R-006	Rock	220699	6559163	322	<5	14.61	475	0.21	<0,01	3.37	5.69	0.12	0.13	3.21	0.02	72.61
PEP-R-011	Rock	219833	6558515	367	<5	1.17	142	0.02	<0,01	0.9	0.4	0.02	<0,01	<0,01	<0,01	>90
PEP-R-012	Rock	219062	6557701	347	<5	13.04	308	0.18	<0,01	1.94	3.64	0.53	0.01	1.05	0.06	76.67
PEP-R-013	Rock	219064	6557704	350	<5	14.53	1514	0.89	<0,01	4.39	3.96	0.95	0.07	2.21	0.18	69.57
PEP-R-014	Rock	219064	6557705	348	<5	18.82	1990	1.45	<0,01	5.97	4.01	1.26	0.23	3.37	0.65	58.81
PEP-R-015	Rock	752261	6559705	343	<5	13.3	2129	0.53	<0,01	1.32	4.89	0.05	<0,01	3.46	0.01	75.17
PEP-R-016	Rock	753323	6559777	320	<5	11.4	720	7.74	0.06	16.45	1.05	11.5	0.25	0.63	1.49	43.08
PEP-R-073	Rock	752277	6557487	274	<5	14.63	1603	2.15	<0,01	3.72	3.22	1.89	0.06	4.11	0.24	64.04

Sample ID	Sample Type	Easting	Northing	RL	Sr_ppm	TiO2_%	Zn_ppm	Zr_ppm	V_ppm	LOI_%	Ce_ppm	Co_ppm	Cs_ppm	Cu_ppm	Dy_ppm	Er_ppm
PEP-R-001	Rock	221677	6557435	314	173	0.37	52	227	54	1.52	83.1	4.7	2.09	104	1.81	0.88
PEP-R-005	Rock	222983	6557774	286	22	0.03	33	<10	9	0.3	2.1	9	0.14	9	<0,05	<0,05
PEP-R-006	Rock	220699	6559163	322	140	0.22	55	457	34	1.65	309.2	10.1	0.89	6	3.87	2.35
PEP-R-011	Rock	219833	6558515	367	21	0.03	8	68	17	0.07	3.9	<0,5	0.11	6	0.09	0.09
PEP-R-012	Rock	219062	6557701	347	97	0.23	42	135	21	2.11	69.4	3.4	3.54	11	1.37	0.67
PEP-R-013	Rock	219064	6557704	350	323	0.49	76	162	65	2.54	66.4	9.2	5.44	22	2.39	1.09
PEP-R-014	Rock	219064	6557705	348	606	1.35	70	344	140	4.01	157.4	36.4	7.3	48	5.15	2.59
PEP-R-015	Rock	752261	6559705	343	438	0.08	20	26	71	0.59	23.4	2.1	0.36	7	0.86	0.57
PEP-R-016	Rock	753323	6559777	320	531	2.41	191	758	258	6.48	210.6	61.2	0.74	17	16.5	6.39
PEP-R-073	Rock	752277	6557487	274	752	0.49	68	155	102	1.89	65.4	9.5	0.77	13	2.24	1.18

Sample ID	Sample Type	Easting	Northing	RL	Eu_ppm	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	La_ppm	Lu_ppm	Mo_ppm	Nb_ppm	Nd_ppm	Ni_ppm	Pr_ppm
PEP-R-001	Rock	221677	6557435	314	1.1	12.7	3.17	5.5	0.35	55.1	0.1	3	6.99	38.4	17	11.67
PEP-R-005	Rock	222983	6557774	286	<0,05	1.7	0.09	0.23	<0,05	2	<0,05	2	0.71	1.2	22	0.32
PEP-R-006	Rock	220699	6559163	322	0.24	17.5	4.44	11.01	0.81	56.1	0.31	12	25.87	36.9	10	11.82
PEP-R-011	Rock	219833	6558515	367	0.09	1.3	0.16	1.59	<0,05	2.1	<0,05	3	0.53	1.4	9	0.4
PEP-R-012	Rock	219062	6557701	347	0.67	16.2	2	3.76	0.25	41	0.06	2	6.84	21.2	13	6.57
PEP-R-013	Rock	219064	6557704	350	1.1	16.6	3.44	3.94	0.35	31.9	0.08	3	8.4	28.7	21	7.66
PEP-R-014	Rock	219064	6557705	348	2.41	19.5	7.68	7.38	0.95	75.3	0.27	3	29.17	58.7	24	16.96
PEP-R-015	Rock	752261	6559705	343	0.51	11.7	1.23	0.68	0.16	12.6	<0,05	3	4.26	9.3	13	2.78
PEP-R-016	Rock	753323	6559777	320	8.94	19.4	28.31	13.77	2.57	111	0.51	3	38.7	152.8	306	36.48
PEP-R-073	Rock	752277	6557487	274	1.14	18.5	3.5	4.87	0.42	35.8	0.15	3	7.48	27.7	22	7.15

Table 1: Rock Chip Samples Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Rb_ppm	Sm_ppm	Sn_ppm	Ta_ppm	Tb_ppm	Th_ppm	Tl_ppm	Tm_ppm	U_ppm	W_ppm	Y_ppm	Yb_ppm
PEP-R-001	Rock	221677	6557435	314	104.3	4.9	2.2	1.17	0.35	11.7	<0,5	0.13	0.85	1.7	9.43	0.9
PEP-R-005	Rock	222983	6557774	286	2.8	<0,1	1.1	0.41	<0,05	0.9	<0,5	<0,05	0.2	1.1	0.46	<0,1
PEP-R-006	Rock	220699	6559163	322	153.4	5.7	4	1.21	0.61	26.9	0.7	0.4	2.56	1.5	21.53	2.6
PEP-R-011	Rock	219833	6558515	367	8.9	0.2	0.9	0.2	<0,05	0.9	<0,5	<0,05	0.17	0.9	0.92	0.1
PEP-R-012	Rock	219062	6557701	347	104.9	3	1.6	0.67	0.23	9.3	<0,5	0.09	2.25	1.4	7.76	0.8
PEP-R-013	Rock	219064	6557704	350	84.8	4.8	1.9	0.79	0.4	6.5	<0,5	0.15	1.64	0.9	10.91	0.9
PEP-R-014	Rock	219064	6557705	348	116.3	9.7	2.3	1.7	0.92	10	<0,5	0.36	3.65	2.2	28.84	2.3
PEP-R-015	Rock	752261	6559705	343	64.4	1.5	1.1	0.63	0.14	2.5	<0,5	0.08	0.38	0.4	4.96	0.6
PEP-R-016	Rock	753323	6559777	320	24.3	32.5	4.8	2.39	3.32	6.7	<0,5	0.74	2.6	1.8	76.37	4.4
PEP-R-073	Rock	752277	6557487	274	72.5	4.8	1.1	<0,05	0.42	5.5	<0,5	0.16	0.86	0.5	11.89	1

Table 1 (continued): Rock Chip Samples Assays Results

Sample ID	Sample Type	Easting	Northing	RL	Zona	Au_ppb	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	P2O5_%	SiO2_%
PEP-SC-002	Stream Sediment	221958.71	6558483.44	265.52	22	11	14.28	1510	0.56	<0,01	3.95	4.91	0.58	0.09	2.67	0.08	71.42
Sample ID	**Sample Type**	**Easting**	**Northing**	**RL**	**Zona**	**Sr_ppm**	**TiO2_%**	**Zn_ppm**	**Zr_ppm**	**V_ppm**	**LOI_%**	**Ce_ppm**	**Co_ppm**	**Cs_ppm**	**Cu_ppm**	**Dy_ppm**	**Er_ppm**
PEP-SC-002	Stream Sediment	221958.71	6558483.44	265.52	22	330	0.65	49	494	76	3.05	80.3	10.8	1.86	9	2.71	1.8
Sample ID	**Sample Type**	**Easting**	**Northing**	**RL**	**Zona**	**Eu_ppm**	**Ga_ppm**	**Gd_ppm**	**Hf_ppm**	**Ho_ppm**	**La_ppm**	**Lu_ppm**	**Mo_ppm**	**Nb_ppm**	**Nd_ppm**	**Ni_ppm**	**Pr_ppm**
PEP-SC-002	Stream Sediment	221958.71	6558483.44	265.52	22	1.25	16	3.79	11.48	0.79	40.5	0.49	<2	17.25	30.6	<5	10.53
Sample ID	**Sample Type**	**Easting**	**Northing**	**RL**	**Zona**	**Rb_ppm**	**Sm_ppm**	**Sn_ppm**	**Ta_ppm**	**Tb_ppm**	**Th_ppm**	**Tl_ppm**	**Tm_ppm**	**U_ppm**	**W_ppm**	**Y_ppm**	**Yb_ppm**
PEP-SC-002	Stream Sediment	221958.71	6558483.44	265.52	22	113.3	4.9	1.7	1.81	0.77	9.8	0.7	0.49	2.37	1.1	15.96	1.9

Table 2: Stream Sediments Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Au_ppb	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	P2O5_%	SiO2_%
PEP-S-003	Soil	222317	6559631	294	22	<5	16.04	1477	0.2	<0,01	5.84	5.11	0.41	0.05	2.36	0.1	62.57
PEP-S-003B	Soil	222317	6559631	294	22	<5	15.74	1465	0.18	<0,01	5.62	5.06	0.4	0.05	2.31	0.09	61.6
PEP-S-004	Soil	222200	6558313	281	22	<5	16.19	1188	0.31	<0,01	4.8	3.96	0.43	0.06	2.75	0.11	64.25
PEP-S-007	Soil	220377	6559255	336	22	<5	21.1	929	0.54	<0,01	6.73	3.19	0.69	0.04	1.82	0.11	54.98
PEP-S-008	Soil	220249	6559087	341	22	<5	20.12	915	0.31	<0,01	5.87	2.37	0.62	0.03	2.28	0.09	55.11
PEP-S-009	Soil	219944	6558998	347	22	<5	18.87	949	0.48	<0,01	5.35	2.73	0.76	0.04	2.86	0.12	59.5
PEP-S-0010	Soil	219576	6558650	359	22	<5	14.15	652	0.28	<0,01	2.59	3.83	0.25	0.04	1.2	0.13	73.97
PEP-S-017	Soil	221857	6557597	319	22	<5	18.27	1068	0.3	<0,01	3.46	3.96	0.43	0.02	2.71	0.06	67.65
PEP-S-018	Soil	222389	6557799	320	22	<5	19.73	1037	0.98	<0,01	5.53	3.37	0.96	0.07	3.62	0.07	60.44
PEP-S-019	Soil	223170	6557870	272	22	<5	16.35	1291	0.73	<0,01	4.48	4.34	0.61	0.08	1.72	0.1	69.45
PEP-S-020	Soil	222237	6558141	280	22	<5	15.77	1114	0.2	<0,01	2.71	3.99	0.24	0.04	4.18	0.05	68.56
PEP-S-021	Soil	222239	6558162	278	22	<5	17.58	1031	0.2	<0,01	5.22	3.28	0.61	0.03	4.38	0.09	63.44
PEP-S-022	Soil	222243	6558181	277	22	<5	20.42	892	0.2	<0,01	6.11	2.51	0.75	0.03	3.47	0.07	55.71
PEP-S-023	Soil	222248	6558200	278	22	<5	17.69	984	0.16	<0,01	4	3.47	0.44	0.04	3.95	0.07	61.87
PEP-S-024	Soil	222252	6558220	280	22	<5	16.97	984	0.12	<0,01	5.08	3.39	0.38	0.04	3.07	0.07	58.76
PEP-S-025	Soil	222256	6558240	281	22	<5	17.81	949	0.19	<0,01	4.48	3.03	0.6	0.06	4.33	0.08	61.57
PEP-S-026	Soil	222259	6558260	282	22	<5	16.76	967	0.13	<0,01	4.75	3.6	0.38	0.03	4.07	0.08	65.32
PEP-S-027	Soil	222264	6558279	280	22	<5	16.83	948	0.12	<0,01	5.61	3.42	0.45	0.05	3.82	0.06	62.4
PEP-S-028	Soil	222267	6558298	277	22	<5	17.87	1164	0.24	<0,01	5.25	3.4	0.67	0.05	3.54	0.08	61.18
PEP-S-029	Soil	222270	6558319	278	22	<5	16.54	1283	0.18	<0,01	4.38	4.38	0.39	0.04	2.88	0.07	67.52
PEP-S-030	Soil	221570	6559258	310	22	<5	17.63	528	0.12	<0,01	4.35	3.95	0.26	0.02	0.69	0.07	60.96
PEP-S-031	Soil	221856	6559681	304	22	<5	18.49	965	0.12	<0,01	3.77	3.69	0.45	0.02	2.04	0.08	60.33
PEP-S-032	Soil	778107	6563109	348	21	<5	17.42	1264	0.53	<0,01	4.98	3.82	0.55	0.04	1.75	0.12	60.93
PEP-S-033	Soil	778111	6563128	349	21	<5	20.48	1254	0.53	<0,01	5.36	3.11	0.57	0.03	1.57	0.11	53.25
PEP-S-034	Soil	778116	6563148	352	21	5	16.2	1522	0.74	<0,01	5	3.66	0.53	0.05	2.28	0.16	61.27
PEP-S-035	Soil	778121	6563167	351	21	<5	14.04	1481	0.67	<0,01	4.16	3.68	0.39	0.08	2.2	0.15	61.12
PEP-S-036	Soil	778126	6563186	348	21	<5	16.06	1575	0.65	<0,01	4.63	3.57	0.52	0.08	1.91	0.14	58.51
PEP-S-037	Soil	778131	6563206	350	21	<5	19.49	1291	0.38	<0,01	5.38	3.19	0.73	0.04	1.71	0.15	53.2
PEP-S-038	Soil	778137	6563226	351	21	<5	22.96	1071	0.25	<0,01	5.63	2.76	0.5	0.03	1.44	0.09	51.71

Table 3: Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Au_ppb	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	P2O5_%	SiO2_%
PEP-S-039	Soil	778141	6563245	352	21	<5	20.33	1067	0.25	<0,01	5.02	2.82	0.43	0.03	1.25	0.1	53.83
PEP-S-040	Soil	778145	6563264	353	21	<5	20.24	1126	0.37	<0,01	5.35	2.94	0.48	0.05	1.55	0.14	55.14
PEP-S-041	Soil	778151	6563283	351	21	<5	17.31	1403	0.52	<0,01	4.09	3.36	0.45	0.04	1.83	0.13	62.37
PEP-S-042	Soil	778581	6561320	358	21	<5	14.59	1254	0.46	<0,01	4.85	2.94	0.35	0.03	1.51	0.06	63.64
PEP-S-043	Soil	778586	6561339	360	21	<5	16.37	1146	0.43	<0,01	4.82	2.78	0.35	0.04	1.45	0.12	63.95
PEP-S-044	Soil	778591	6561359	362	21	<5	18.44	1238	0.57	<0,01	3.95	3.44	0.32	0.02	2.07	0.07	62.82
PEP-S-045	Soil	778595	6561378	363	21	<5	15.86	1233	0.49	<0,01	3.39	3.36	0.25	0.1	2	0.07	65.01
PEP-S-046	Soil	778600	6561398	360	21	17	19.62	1088	0.32	<0,01	3.83	3.52	0.47	0.03	1.41	0.09	59.84
PEP-S-047	Soil	778605	6561416	362	21	<5	17.92	1122	0.31	<0,01	3.63	3.42	0.37	0.03	1.52	0.09	60.68
PEP-S-048	Soil	778610	6561437	361	21	<5	15.9	1282	0.32	<0,01	2.95	3.38	0.35	0.03	1.99	0.09	66.96
PEP-S-049	Soil	778615	6561456	361	21	<5	15.3	1106	0.36	<0,01	3.39	3.05	0.4	0.03	2.04	0.13	67.3
PEP-S-050	Soil	778620	6561475	360	21	<5	15.29	1328	0.44	<0,01	3.21	3.12	0.36	0.05	1.98	0.15	67.33
PEP-S-051	Soil	778626	6561494	360	21	<5	15.31	1550	0.56	<0,01	3.78	3.38	0.41	0.04	2.01	0.13	65.29
PEP-S-052	Soil	778432	6561013	346	21	<5	16.18	1589	0.52	<0,01	4.85	3.04	0.57	0.09	2.7	0.17	61.2
PEP-S-053	Soil	778605	6561946	361	21	<5	19.78	1162	1.79	<0,01	6.12	2.24	1.18	0.08	2.23	0.15	55.1
PEP-S-054	Soil	777887	6564063	375	21	<5	18.71	1166	0.49	<0,01	6.43	2.25	0.78	0.03	1.44	0.06	56.39
PEP-S-055	Soil	219336	6558161	344	22	<5	14.94	825	0.22	<0,01	3.27	2.62	0.33	0.01	0.8	0.03	64.03
PEP-S-056	Soil	220120	6560473	280	22	<5	16.82	795	1.94	<0,01	9.8	1.91	2.09	0.12	2.27	0.08	50.45
PEP-S-057	Soil	220775	6559775	316	22	<5	17.11	1285	0.94	<0,01	6.53	3.8	0.83	0.08	2.02	0.09	55.52
PEP-S-058	Soil	219592	6558586	341	22	<5	15.18	989	0.31	<0,01	4.12	3.1	0.38	0.04	0.96	0.09	64.67
PEP-S-059	Soil	219595	6558605	341	22	<5	18.84	908	0.21	<0,01	3.44	3.26	0.33	0.02	1.63	0.07	60.47
PEP-S-060	Soil	219600	6558625	340	22	<5	20.74	600	2.19	<0,01	4.36	2.33	1.73	0.01	0.81	0.04	49.49
PEP-S-061	Soil	219603	6558645	344	22	<5	15.18	555	0.34	<0,01	2.41	4.58	0.26	0.03	2.43	0.14	64.07
PEP-S-062	Soil	219605	6558664	345	22	<5	14.41	888	0.24	<0,01	2.43	3.62	0.26	0.02	1.06	0.04	67.74
PEP-S-063	Soil	219612	6558684	345	22	<5	13.63	958	0.2	<0,01	2.24	3.61	0.23	0.03	1.65	0.1	69.29
PEP-S-064	Soil	219615	6558704	344	22	<5	14.37	1017	0.21	<0,01	3.07	3.54	0.28	0.01	1.42	0.01	67.62
PEP-S-065	Soil	219618	6558723	340	22	<5	15.49	1193	0.21	<0,01	2.95	4.24	0.27	0.02	1.85	0.04	69.64
PEP-S-066	Soil	219623	6558743	337	22	<5	14.76	1322	0.25	<0,01	2.16	4	0.26	0.04	2.06	0.02	68.6
PEP-S-067	Soil	219627	6558762	335	22	<5	13.95	1224	0.26	<0,01	2.09	3.76	0.23	0.04	2.07	0.03	69.16
PEP-S-068	Soil	753606	6558638	320	21	<5	15.76	1457	0.75	<0,01	3	3.56	0.3	0.02	2.32	0.05	65.55
PEP-S-069	Soil	753953	6557570	306	21	<5	17.87	1329	1.47	<0,01	3.78	2.66	0.53	0.03	2.26	0.05	57.2
PEP-S-070	Soil	753095	6557908	319	21	<5	17.55	1190	1.48	<0,01	4.47	2.39	0.61	0.06	2.1	0.07	57.48
PEP-S-071	Soil	752613	6557791	299	21	<5	16.23	1348	0.55	<0,01	3.89	3.68	0.49	0.05	2.58	0.1	57.59
PEP-S-072	Soil	752286	6557493	271	21	<5	14.75	1061	1.1	<0,01	4.65	2.08	0.62	0.14	2.14	0.04	62.7
PEP-S-074	Soil	753897	6559989	337	21	<5	16.49	1377	1.21	<0,01	3.86	3.02	0.48	0.07	2.84	0.09	60.43
PEP-S-075	Soil	752963	6559708	338	21	<5	16.44	1160	0.71	<0,01	3.14	2.83	0.29	0.02	1.95	0.04	63.37
PEP-S-076	Soil	752122	6559585	340	21	<5	16.66	1340	0.6	<0,01	3.64	2.62	0.41	0.01	1.9	0.07	61.26
PEP-S-077	Soil	778068	6565052	377	21	<5	14.63	1332	0.24	0.01	2.91	4.5	0.34	0.1	1.1	0.06	66.01

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Au_ppb	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	P2O5_%	SiO2_%
PEP-S-078	Soil	777395	6564932	382	21	<5	21.09	632	0.07	<0,01	5.28	2.64	0.36	0.02	0.19	0.08	54.86
PEP-S-079	Soil	776577	6565080	380	21	<5	14.84	1163	0.13	<0,01	2.95	3.84	0.23	0.06	0.51	0.05	67.27
PEP-S-080	Soil	775872	6565182	387	21	<5	17.15	1455	0.16	<0,01	3.34	6.21	0.24	0.08	0.48	0.05	63.99
PEP-S-081	Soil	773792	6561814	369	21	<5	17.39	1493	0.3	<0,01	4.65	3.22	0.84	0.03	1.27	0.06	57.23
PEP-S-082	Soil	773159	6562147	380	21	<5	14.81	960	0.25	<0,01	4	2.96	0.74	0.02	0.7	0.09	65.17
PEP-S-083	Soil	778193	6555161	325	21	<5	14.82	1449	0.52	<0,01	2.79	2.89	0.3	0.03	1.09	0.09	64.5
PEP-S-084	Soil	778370	6554570	333	21	<5	18.37	1293	0.39	<0,01	4.73	2.32	0.38	0.03	0.8	0.08	61.05
PEP-S-085	Soil	778514	6553792	348	21	<5	17.01	1298	0.39	<0,01	4.67	3.86	0.41	0.03	0.9	0.06	63.57
PEP-S-086	Soil	777799	6553418	334	21	<5	19.07	1284	1.02	<0,01	5.84	2.48	0.65	0.05	1.9	0.07	55.63
PEP-S-087	Soil	777714	6552413	307	21	<5	18.15	1321	1.37	<0,01	6.64	2.8	0.88	0.09	2.78	0.17	58.31
PEP-S-088	Soil	777301	6551459	330	21	<5	15.72	1338	0.93	<0,01	3.57	2.45	0.33	0.04	2.1	0.09	63.65
PEP-S-003	Soil	222317	6559631	294	22	362	1.03	70	757	105	5.69	83.1	9.9	2.06	10	2.2	1.6
PEP-S-003B	Soil	222317	6559631	294	22	354	1.01	67	748	98	5.81	79.7	8.8	2.17	9	2.01	1.59
PEP-S-004	Soil	222200	6558313	281	22	276	0.89	58	600	72	6.43	78.9	6.8	2.36	15	2.48	1.59
PEP-S-007	Soil	220377	6559255	336	22	366	1.14	67	738	67	10.37	174.7	14.3	3.56	17	5.49	2.87
PEP-S-008	Soil	220249	6559087	341	22	349	0.73	70	394	79	9.93	98.2	9.4	2.71	13	3.54	2.11
PEP-S-009	Soil	219944	6558998	347	22	375	0.89	64	607	125	8.38	123.2	15	1.96	10	3.21	1.88
PEP-S-0010	Soil	219576	6558650	359	22	120	0.48	59	432	65	8.04	28.8	10.5	2.64	11	2.22	1.51
PEP-S-017	Soil	221857	6557597	319	22	282	0.62	37	408	61	6.38	35.3	10.6	2.45	10	1.54	1.1
PEP-S-018	Soil	222389	6557799	320	22	334	0.75	70	307	89	5.87	125.8	13	1.52	10	2.87	1.58
PEP-S-019	Soil	223170	6557870	272	22	335	0.82	48	592	80	5.21	66.3	13.5	2.54	30	3.62	2.17
PEP-S-020	Soil	222237	6558141	280	22	270	0.91	49	552	52	3.04	51.8	5.1	1.46	7	2.24	1.48
PEP-S-021	Soil	222239	6558162	278	22	267	1.09	69	651	120	5.42	66.8	6.1	1.19	8	1.23	1.07
PEP-S-022	Soil	222243	6558181	277	22	246	1	76	532	98	8.35	137.2	10.1	1.59	9	5.58	2.94
PEP-S-023	Soil	222248	6558200	278	22	245	0.64	54	438	91	5.92	91.1	55.8	1.22	33	1.91	1.15
PEP-S-024	Soil	222252	6558220	280	22	232	0.71	49	444	84	6.78	171.9	23.5	1.38	<5	1.81	1.09
PEP-S-025	Soil	222256	6558240	281	22	266	0.74	67	462	90	6.07	89.5	49.4	1.2	15	1.61	1.18
PEP-S-026	Soil	222259	6558260	282	22	227	0.75	52	500	66	5.36	71.6	11.1	1.34	9	1.41	1.21
PEP-S-027	Soil	222264	6558279	280	22	242	0.8	63	566	78	5.91	108.5	8.4	1.39	8	1.95	1.39
PEP-S-028	Soil	222267	6558298	277	22	240	0.81	64	484	96	6.01	99.7	10.6	1.39	13	1.8	1.25
PEP-S-029	Soil	222270	6558319	278	22	250	0.76	51	553	71	5.47	67.9	5.2	1.47	9	1.54	1.03
PEP-S-030	Soil	221570	6559258	310	22	103	0.72	51	991	58	8.43	115.4	6.3	4.63	10	4.53	3.07
PEP-S-031	Soil	221856	6559681	304	22	237	1.01	64	581	67	8.35	63.5	11.8	2.98	8	3.73	2.3
PEP-S-032	Soil	778107	6563109	348	21	302	1.32	56	1550	87	8.1	112	9	2.9	9	2.64	1.69
PEP-S-033	Soil	778111	6563128	349	21	301	1.14	60	1062	189	11.53	97.4	54.2	3.04	11	2.79	1.93
PEP-S-034	Soil	778116	6563148	352	21	417	1.53	52	1719	82	9.49	126.1	6.3	2.34	11	3.43	2.25
PEP-S-035	Soil	778121	6563167	351	21	379	1.43	46	1571	92	7.48	134.5	21.3	2.4	12	2.95	2.15
PEP-S-036	Soil	778126	6563186	348	21	352	1.48	59	1315	101	9.46	148	9.1	3.28	16	4.5	2.73

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Au_ppb	Al2O3_%	Ba_ppm	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%	P2O5_%	SiO2_%
PEP-S-037	Soil	778131	6563206	350	21	287	1.3	80	1148	106	12	200.6	11.6	3.12	12	3.86	2.31
PEP-S-038	Soil	778137	6563226	351	21	240	1	58	940	96	12.06	146.1	18.1	4.29	8	4.23	2.47
PEP-S-039	Soil	778141	6563245	352	21	211	1.05	60	1182	61	13.72	88.3	12.8	3.81	10	3.68	2.13
PEP-S-040	Soil	778145	6563264	353	21	258	1.18	52	1327	67	13.09	123.3	17.9	3.58	10	3.5	2.23
PEP-S-041	Soil	778151	6563283	351	21	321	1.57	50	1649	185	10.05	102	6.8	3.11	10	4.36	2.46
PEP-S-042	Soil	778581	6561320	358	21	293	1.19	44	1026	139	7.31	63.6	7.2	3.03	6	3.29	2.1
PEP-S-043	Soil	778586	6561339	360	21	286	1.33	46	962	70	9.22	48.3	7.9	3.15	8	2.52	1.61
PEP-S-044	Soil	778591	6561359	362	21	369	0.93	35	715	78	7.41	76.5	20.5	2.82	7	2.66	1.51
PEP-S-045	Soil	778595	6561378	363	21	327	0.93	44	872	39	7.7	47.4	19.2	3.17	6	1.82	1.26
PEP-S-046	Soil	778600	6561398	360	21	248	0.86	68	868	83	9.85	69.1	9.2	3.53	9	1.91	1.33
PEP-S-047	Soil	778605	6561416	362	21	264	0.86	35	828	46	10.46	64.2	13.5	3.46	8	2.2	1.36
PEP-S-048	Soil	778610	6561437	361	21	303	1.1	47	911	57	7.29	87.7	6.1	2.96	8	3.36	1.91
PEP-S-049	Soil	778615	6561456	361	21	269	1.19	67	720	74	6.89	111.2	16.4	2.9	9	4.17	2.44
PEP-S-050	Soil	778620	6561475	360	21	295	1.08	70	781	78	8.7	105.8	4.4	3.64	11	3.59	2.21
PEP-S-051	Soil	778626	6561494	360	21	353	1.41	61	1159	70	7.06	107.9	5.5	2.88	9	4.56	2.71
PEP-S-052	Soil	778432	6561013	346	21	454	1.41	69	619	85	8.68	104.4	10.6	2.44	16	4.12	2.2
PEP-S-053	Soil	778605	6561946	361	21	441	1.38	70	1106	100	9.15	137.1	19.2	3.43	12	4.51	2.7
PEP-S-054	Soil	777887	6564063	375	21	275	1.22	52	665	88	10.01	99.2	11.7	2.81	19	3.48	1.99
PEP-S-055	Soil	219336	6558161	344	22	156	0.81	40	535	59	9.29	64.7	7.2	5.4	15	3.46	2.05
PEP-S-056	Soil	220120	6560473	280	22	392	2.17	94	684	189	9.96	99.9	39.1	2	21	4.85	2.74
PEP-S-057	Soil	220775	6559775	316	22	376	1.55	53	930	78	8.59	169.1	11.7	2.33	16	5.72	3.12
PEP-S-058	Soil	219592	6558586	341	22	166	0.78	49	532	45	8.79	69	10.2	3.98	15	3.65	2.05
PEP-S-059	Soil	219595	6558605	341	22	138	0.49	23	279	82	9.65	48.5	8.8	3.09	11	2.18	1.28
PEP-S-060	Soil	219600	6558625	340	22	110	0.54	59	288	55	13.29	83.2	14.4	6.13	19	3.19	1.73
PEP-S-061	Soil	219603	6558645	344	22	141	0.31	45	262	11	7.1	29.6	4.8	2.12	8	1.73	1.04
PEP-S-062	Soil	219605	6558664	345	22	143	0.55	23	462	59	7.17	65.6	4.7	3.11	9	3.29	1.87
PEP-S-063	Soil	219612	6558684	345	22	130	0.46	46	379	9	7.52	66	3.7	2.42	9	2.66	1.52
PEP-S-064	Soil	219615	6558704	344	22	160	0.72	41	521	61	6.49	59.2	3.2	3.45	9	3.37	2.07
PEP-S-065	Soil	219618	6558723	340	22	199	0.79	36	734	69	5.82	57.9	5.2	3	8	2.97	1.91
PEP-S-066	Soil	219623	6558743	337	22	236	0.79	23	655	35	5.24	91.3	4.6	2.62	10	3.34	1.9
PEP-S-067	Soil	219627	6558762	335	22	226	0.76	41	608	90	5.68	82.2	3.8	3.14	10	3.89	2.19
PEP-S-068	Soil	753606	6558638	320	21	404	0.86	44	603	86	6.33	77.1	4.2	2.65	12	3.35	1.87
PEP-S-069	Soil	753953	6557570	306	21	463	0.67	42	664	57	8.57	58.1	6.7	2.56	11	3.33	1.82
PEP-S-070	Soil	753095	6557908	319	21	437	0.77	69	550	69	10.53	64.9	8.5	2.78	14	3.17	1.7
PEP-S-071	Soil	752613	6557791	299	21	397	0.66	44	479	78	11.22	61.5	6.3	1.67	11	2.53	1.47
PEP-S-072	Soil	752286	6557493	271	21	394	0.98	80	298	72	8.84	131.1	12.3	3.11	21	7.1	3.64
PEP-S-074	Soil	753897	6559989	337	21	551	0.71	49	739	60	7.88	71.9	8.1	1.67	12	2.55	1.37
PEP-S-075	Soil	752963	6559708	338	21	346	0.58	22	650	86	8.08	47.2	8.8	3.36	10	3.2	1.7

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Eu_ppm	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	La_ppm	Lu_ppm	Mo_ppm	Nb_ppm	Nd_ppm	Ni_ppm	Pr_ppm
PEP-S-076	Soil	752122	6559585	340	21	321	0.66	54	555	80	10.29	70.5	5.3	3.45	10	3.83	2.08
PEP-S-077	Soil	778068	6565052	377	21	217	1.23	70	861	72	6.97	84.1	9.9	2.86	12	4.35	2.55
PEP-S-078	Soil	777395	6564932	382	21	100	0.89	49	791	79	11.15	100.6	8.9	8.58	15	4.12	2.54
PEP-S-079	Soil	776577	6565080	380	21	162	1.08	40	881	78	6.21	101.4	6.8	4.95	14	4.7	3
PEP-S-080	Soil	775872	6565182	387	21	212	0.92	85	1988	116	6.44	163.9	6.3	2.59	11	4.24	2.86
PEP-S-081	Soil	773792	6561814	369	21	255	0.97	68	567	163	9.99	68.1	9.9	2.53	15	4.21	2.22
PEP-S-082	Soil	773159	6562147	380	21	147	1.26	107	589	112	8	111	11.4	3.67	17	4.58	2.36
PEP-S-083	Soil	778193	6555161	325	21	312	0.52	29	649	187	8.62	48.2	6	3.49	11	2.27	1.25
PEP-S-084	Soil	778370	6554570	333	21	260	0.73	52	722	140	10.36	55.9	15.8	4.38	19	3.14	1.91
PEP-S-085	Soil	778514	6553792	348	21	261	0.61	43	570	149	8.21	54.5	22.6	3.46	14	2.04	1.38
PEP-S-086	Soil	777799	6553418	334	21	432	0.64	50	504	130	10.6	63.4	12.3	2.29	18	3.54	2.16
PEP-S-087	Soil	777714	6552413	307	21	709	0.96	100	787	179	8.44	139.6	11.8	1.89	12	2.87	1.48
PEP-S-088	Soil	777301	6551459	330	21	484	0.78	58	684	240	7.96	60.8	5.5	2.73	15	3.41	1.84
PEP-S-003	Soil	222317	6559631	294	22	0.79	21.2	2.75	19.52	0.44	30.3	0.32	<2	21.5	18.9	<5	5.92
PEP-S-003B	Soil	222317	6559631	294	22	0.73	19.8	2.56	18.87	0.46	28.6	0.28	<2	20.47	18.1	<5	5.4
PEP-S-004	Soil	222200	6558313	281	22	1.11	19.9	3.43	15.15	0.51	37.5	0.28	<2	21.4	26.1	<5	7.68
PEP-S-007	Soil	220377	6559255	336	22	2.53	29.3	8.38	19.02	1.06	77.3	0.44	<2	23.03	65.8	9	18.28
PEP-S-008	Soil	220249	6559087	341	22	1.86	27.2	5.48	9.84	0.7	51.8	0.31	2	16.04	47.5	13	12.53
PEP-S-009	Soil	219944	6558998	347	22	1.41	24.6	4.25	14.51	0.65	48.6	0.3	<2	19.6	35.2	<5	10
PEP-S-0010	Soil	219576	6558650	359	22	0.45	17.8	2.08	11.65	0.47	14.4	0.28	3	27.94	9.3	<5	3.02
PEP-S-017	Soil	221857	6557597	319	22	0.62	21.7	2.04	10.02	0.32	14.1	0.2	<2	12.19	12.3	5	3.39
PEP-S-018	Soil	222389	6557799	320	22	1.42	25.5	4.46	7.48	0.51	71.9	0.24	<2	13.32	49.6	<5	13.8
PEP-S-019	Soil	223170	6557870	272	22	1.57	20.9	5.23	14.42	0.74	49.1	0.37	<2	17.28	38.7	<5	10.86
PEP-S-020	Soil	222237	6558141	280	22	0.71	16.9	2.32	14.33	0.44	23	0.28	<2	22.12	16.2	<5	4.9
PEP-S-021	Soil	222239	6558162	278	22	0.51	21.8	1.58	15.02	0.32	16.7	0.23	<2	25.72	10.8	<5	3.41
PEP-S-022	Soil	222243	6558181	277	22	3.11	29.6	10.2	12.67	1.03	93.9	0.36	<2	19.27	87.7	<5	23.33
PEP-S-023	Soil	222248	6558200	278	22	0.77	22.7	2.44	10.73	0.37	23.4	0.18	<2	13.71	17.2	9	4.84
PEP-S-024	Soil	222252	6558220	280	22	0.86	20.9	2.45	10.14	0.34	28.9	0.15	2	12.7	21	<5	6
PEP-S-025	Soil	222256	6558240	281	22	0.79	22.5	2.54	10.73	0.38	29.8	0.2	<2	15.41	19.8	18	5.75
PEP-S-026	Soil	222259	6558260	282	22	0.63	19.1	2.01	11.14	0.31	21.4	0.19	<2	15.18	14.7	<5	4.35
PEP-S-027	Soil	222264	6558279	280	22	0.89	18.5	2.71	12.72	0.4	29.5	0.25	<2	15.96	20.9	<5	6.16
PEP-S-028	Soil	222267	6558298	277	22	0.75	21.4	2.27	10.83	0.37	28.8	0.18	<2	13.42	18.9	<5	5.84
PEP-S-029	Soil	222270	6558319	278	22	0.5	17	1.94	12.22	0.35	22	0.24	<2	15.03	15	<5	4.41
PEP-S-030	Soil	221570	6559258	310	22	0.54	21.7	4.8	22.76	0.98	54.1	0.55	2	24.28	39.1	<5	11.47
PEP-S-031	Soil	221856	6559681	304	22	1.46	20.7	5.14	13.93	0.72	47	0.35	<2	20.69	37.7	<5	10.39
PEP-S-032	Soil	778107	6563109	348	21	1.07	20.2	3.26	32.37	0.52	48	0.33	<2	43.68	28.9	6	9.05
PEP-S-033	Soil	778111	6563128	349	21	1.44	24	3.95	23.33	0.59	64.6	0.34	3	32.04	41.7	53	12.52
PEP-S-034	Soil	778116	6563148	352	21	1.39	17.9	4.74	34.22	0.7	61.7	0.36	<2	43.24	40	6	11.71

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Eu_ppm	Ga_ppm	Gd_ppm	Hf_ppm	Ho_ppm	La_ppm	Lu_ppm	Mo_ppm	Nb_ppm	Nd_ppm	Ni_ppm	Pr_ppm
PEP-S-035	Soil	778121	6563167	351	21	1.21	14.8	4.42	31.75	0.67	60.4	0.37	<2	41.31	38.4	11	11.7
PEP-S-036	Soil	778126	6563186	348	21	1.85	18.5	6.29	27.51	0.87	86	0.43	3	43	55.3	10	16.07
PEP-S-037	Soil	778131	6563206	350	21	1.56	24.1	5.3	23.84	0.79	69	0.36	2	37.23	46	16	13.5
PEP-S-038	Soil	778137	6563226	351	21	1.86	27.1	5.88	19.02	0.81	63.3	0.42	2	26.34	51	17	14.4
PEP-S-039	Soil	778141	6563245	352	21	1.5	22.9	4.61	23.9	0.71	48.3	0.36	<2	27.7	37.8	11	10.95
PEP-S-040	Soil	778145	6563264	353	21	1.51	22	4.66	26.02	0.75	47.2	0.31	2	30.18	35.3	21	10.2
PEP-S-041	Soil	778151	6563283	351	21	1.73	19	5.77	31.71	0.8	63.2	0.45	3	41.63	44.7	10	13.51
PEP-S-042	Soil	778581	6561320	358	21	1.44	15.5	4.38	21.45	0.71	38.5	0.34	2	22.88	29.9	<5	8.42
PEP-S-043	Soil	778586	6561339	360	21	1.07	17.3	3.07	19.8	0.48	27.5	0.26	<2	22.64	22	<5	6.2
PEP-S-044	Soil	778591	6561359	362	21	1.16	21.5	3.51	16.08	0.56	43.7	0.27	2	18.53	29.5	<5	8.58
PEP-S-045	Soil	778595	6561378	363	21	0.68	16.5	2.3	19.47	0.38	20.7	0.24	<2	20.23	15.5	<5	4.55
PEP-S-046	Soil	778600	6561398	360	21	0.83	23.4	2.4	20.22	0.42	30.2	0.26	3	18.89	17	<5	5.36
PEP-S-047	Soil	778605	6561416	362	21	0.92	19.5	3.06	19.26	0.48	35.3	0.2	<2	18.17	21.5	<5	6.82
PEP-S-048	Soil	778610	6561437	361	21	1.45	18.1	4.53	20.21	0.7	44.9	0.32	2	23.19	33.1	<5	9.33
PEP-S-049	Soil	778615	6561456	361	21	1.82	16.2	5.51	16.1	0.78	62.3	0.38	<2	23.1	44.3	<5	12.94
PEP-S-050	Soil	778620	6561475	360	21	1.66	16.8	4.82	17.75	0.79	62.7	0.29	2	25.59	40.2	<5	12.04
PEP-S-051	Soil	778626	6561494	360	21	1.92	16.8	6.36	24.65	0.89	66.3	0.37	<2	41.83	47.5	<5	13.67
PEP-S-052	Soil	778432	6561013	346	21	1.73	18.4	5.57	14.92	0.79	57.4	0.33	<2	20.22	40.6	<5	11.42
PEP-S-053	Soil	778605	6561946	361	21	2.13	23.1	6.17	23.13	0.87	76.1	0.38	<2	35.06	51.1	19	14.6
PEP-S-054	Soil	777887	6564063	375	21	1.72	21.6	5.21	14.69	0.67	59.4	0.28	<2	26.88	43.8	19	12.31
PEP-S-055	Soil	219336	6558161	344	22	1.05	18.2	3.88	13.75	0.64	35.9	0.25	<2	15.04	27	7	7.82
PEP-S-056	Soil	220120	6560473	280	22	1.81	19.3	6.31	15.42	0.97	45	0.36	2	23.51	41.6	30	10.64
PEP-S-057	Soil	220775	6559775	316	22	1.84	19.8	7.31	21.55	1.05	83.4	0.36	<2	27.23	64.2	12	18.06
PEP-S-058	Soil	219592	6558586	341	22	1.18	18.2	4.3	12.59	0.7	36.6	0.26	<2	22.78	29.9	13	8.25
PEP-S-059	Soil	219595	6558605	341	22	0.67	21.6	2.54	7.14	0.41	26.9	0.15	2	22.66	18.2	14	5.23
PEP-S-060	Soil	219600	6558625	340	22	1.21	25.8	3.98	7.33	0.58	41.6	0.24	<2	18.9	33.5	21	9.27
PEP-S-061	Soil	219603	6558645	344	22	0.46	19.5	1.79	7.49	0.34	13.4	0.14	<2	13.34	9.5	<5	2.68
PEP-S-062	Soil	219605	6558664	345	22	0.94	16.8	3.58	11.43	0.62	37.1	0.25	<2	17.63	28.4	<5	8.15
PEP-S-063	Soil	219612	6558684	345	22	0.69	14.8	2.58	9.1	0.5	29.2	0.17	<2	24.58	18.6	<5	5.61
PEP-S-064	Soil	219615	6558704	344	22	0.93	15.9	3.89	12.48	0.64	41.4	0.27	<2	20.55	28.8	<5	8.68
PEP-S-065	Soil	219618	6558723	340	22	0.86	16.7	3.24	16.27	0.57	36.2	0.26	<2	25.19	23.7	5	7.01
PEP-S-066	Soil	219623	6558743	337	22	1.07	14.5	3.82	14.71	0.65	47.8	0.28	2	27.21	31.3	<5	9.27
PEP-S-067	Soil	219627	6558762	335	22	1.22	14.3	4.45	14.21	0.83	49.9	0.39	<2	22.58	33.6	6	10.11
PEP-S-068	Soil	753606	6558638	320	21	1.36	19.6	4.17	15.2	0.64	46.3	0.27	<2	17.15	34.7	6	9.79
PEP-S-069	Soil	753953	6557570	306	21	1.32	21.8	4.17	16.67	0.61	41	0.25	<2	11.07	30.1	9	8.36
PEP-S-070	Soil	753095	6557908	319	21	1.3	20	4.16	12.5	0.59	41.1	0.23	<2	14.58	30.3	10	8.51
PEP-S-071	Soil	752613	6557791	299	21	0.96	18.9	3.07	11.5	0.5	33	0.18	<2	10.06	22.1	13	6.52
PEP-S-072	Soil	752286	6557493	271	21	2.95	17.1	9.28	7.49	1.29	85	0.4	<2	14.94	69.4	13	19.3

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Rb_ppm	Sm_ppm	Sn_ppm	Ta_ppm	Tb_ppm	Th_ppm	Tl_ppm	Tm_ppm	U_ppm	W_ppm	Y_ppm	Yb_ppm
PEP-S-074	Soil	753897	6559989	337	21	1.16	20.3	3.35	18.03	0.49	36.3	0.2	<2	11.59	26.6	8	7.54
PEP-S-075	Soil	752963	6559708	338	21	1.07	19	3.84	15.77	0.59	30.6	0.25	<2	9.78	26.1	9	7.22
PEP-S-076	Soil	752122	6559585	340	21	1.51	19.9	4.67	13.46	0.69	36.4	0.29	<2	9.81	32	7	8.67
PEP-S-077	Soil	778068	6565052	377	21	1.05	16.3	5.32	20.4	0.8	60.1	0.37	3	32.81	38.2	19	10.81
PEP-S-078	Soil	777395	6564932	382	21	1.12	24.1	4.57	19.34	0.82	49.2	0.37	2	28.08	35.3	21	10.06
PEP-S-079	Soil	776577	6565080	380	21	1.17	16.5	5.56	21.65	0.93	57.6	0.42	3	25.87	39	14	10.93
PEP-S-080	Soil	775872	6565182	387	21	0.97	19.1	4.39	44.43	0.85	68.5	0.51	2	30.6	37.5	8	11.83
PEP-S-081	Soil	773792	6561814	369	21	1.54	24.3	5.37	14.48	0.8	45.3	0.3	<2	18.56	36.1	19	9.62
PEP-S-082	Soil	773159	6562147	380	21	1.98	17.3	6.25	14.05	0.87	71.3	0.31	2	23.63	48.3	16	14.09
PEP-S-083	Soil	778193	6555161	325	21	0.67	16	2.58	15.76	0.42	29.6	0.17	3	18.83	19.3	15	5.56
PEP-S-084	Soil	778370	6554570	333	21	0.86	21.2	3.46	17.53	0.67	25.2	0.28	3	12.81	21.4	25	5.72
PEP-S-085	Soil	778514	6553792	348	21	0.57	18.9	2.35	13.7	0.44	20	0.19	4	10.75	14.3	14	3.67
PEP-S-086	Soil	777799	6553418	334	21	1.16	22.5	4.01	12.7	0.73	31.3	0.27	<2	10.8	25.9	19	6.91
PEP-S-087	Soil	777714	6552413	307	21	1.32	23.7	4.12	18.69	0.49	54.8	0.21	2	15.66	37.1	19	10.58
PEP-S-088	Soil	777301	6551459	330	21	1.21	18.2	4.03	16.42	0.62	42.6	0.25	4	17.28	31.5	17	8.75
PEP-S-003	Soil	222317	6559631	294	22	139.6	3.3	2.8	1.62	0.4	8.6	0.5	0.26	2.32	4.7	12.86	1.8
PEP-S-003B	Soil	222317	6559631	294	22	138.3	2.8	2.7	1.41	0.35	7.7	0.5	0.23	2.36	3.1	12.53	1.8
PEP-S-004	Soil	222200	6558313	281	22	111.5	4.1	2.3	1.5	0.86	8.4	<0,5	0.25	2.49	3.7	15.12	2
PEP-S-007	Soil	220377	6559255	336	22	117.3	10.7	2.8	1.57	1.06	17.4	0.5	0.43	3.19	3.6	29.34	2.7
PEP-S-008	Soil	220249	6559087	341	22	78.4	7.7	2.4	3.83	0.69	8.6	<0,5	0.31	2.1	3.4	19.04	2
PEP-S-009	Soil	219944	6558998	347	22	70.5	6.1	2.4	1.33	0.55	9.7	<0,5	0.26	2.08	2.5	18.51	2
PEP-S-0010	Soil	219576	6558650	359	22	117.1	2.2	2.4	1.72	0.32	10.8	<0,5	0.23	2.52	2.3	13.29	1.5
PEP-S-017	Soil	221857	6557597	319	22	97.4	2.3	1.7	0.83	0.25	8.4	<0,5	0.18	1.96	3.3	8.9	1.2
PEP-S-018	Soil	222389	6557799	320	22	87.3	6.8	2.2	0.86	0.52	9.7	<0,5	0.24	2.08	1.8	15.61	1.7
PEP-S-019	Soil	223170	6557870	272	22	107.6	7.6	3.1	1.13	0.67	10.6	<0,5	0.31	2.86	2.2	21.04	2.3
PEP-S-020	Soil	222237	6558141	280	22	95.6	3	2	1.34	0.32	6.8	<0,5	0.27	2.22	2.8	12.47	1.7
PEP-S-021	Soil	222239	6558162	278	22	78.8	2.1	3.4	1.26	0.24	7.5	<0,5	0.15	1.85	2.5	8.62	1.4
PEP-S-022	Soil	222243	6558181	277	22	61.9	13.9	3	1.04	1.08	10.2	<0,5	0.39	2.41	2.5	30.12	2.5
PEP-S-023	Soil	222248	6558200	278	22	82.9	3.2	2.2	0.86	0.32	9.7	<0,5	0.17	1.9	0.7	10.11	1.3
PEP-S-024	Soil	222252	6558220	280	22	76.6	3.3	2	0.75	0.34	10.2	<0,5	0.13	2.22	<0,1	10.17	1
PEP-S-025	Soil	222256	6558240	281	22	74.6	3.1	1.7	0.87	0.33	7.2	<0,5	0.16	2.12	0.4	11.14	1.2
PEP-S-026	Soil	222259	6558260	282	22	83.8	2.9	1.6	0.94	0.24	8.1	<0,5	0.18	1.82	<0,1	9.44	1.2
PEP-S-027	Soil	222264	6558279	280	22	79.1	3.4	2.1	0.89	0.34	7.1	<0,5	0.22	1.86	<0,1	11.12	1.7
PEP-S-028	Soil	222267	6558298	277	22	84	3	1.7	0.67	0.31	7.8	<0,5	0.18	1.94	<0,1	10.64	1.3
PEP-S-029	Soil	222270	6558319	278	22	102.2	2.5	1.8	0.94	0.23	7.2	<0,5	0.2	1.94	<0,1	9.81	1.3
PEP-S-030	Soil	221570	6559258	310	22	140.9	6.3	2.4	1.21	0.74	17.6	0.5	0.51	3.4	<0,1	25.59	3.4
PEP-S-031	Soil	221856	6559681	304	22	116.6	6.5	2.4	1.79	0.68	13.9	0.5	0.31	2.94	1	20.91	2.4
PEP-S-032	Soil	778107	6563109	348	21	118.1	4.7	2.5	3.03	0.45	21.1	<0,5	0.26	4.38	0.4	15.46	2

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Rb_ppm	Sm_ppm	Sn_ppm	Ta_ppm	Tb_ppm	Th_ppm	Tl_ppm	Tm_ppm	U_ppm	W_ppm	Y_ppm	Yb_ppm
PEP-S-033	Soil	778111	6563128	349	21	98.6	5.5	2.4	1.96	0.55	16.4	<0,5	0.27	3.68	1.3	17.59	2
PEP-S-034	Soil	778116	6563148	352	21	108.9	5.9	2.4	2.54	0.58	18.6	<0,5	0.32	4.74	1.3	20.84	2.3
PEP-S-035	Soil	778121	6563167	351	21	107.6	6.1	2.6	2.81	0.54	18.4	<0,5	0.31	4.3	0.2	19.8	2.2
PEP-S-036	Soil	778126	6563186	348	21	120.2	7.9	2.8	2.38	0.77	24.4	<0,5	0.4	4.74	<0,1	25.8	2.6
PEP-S-037	Soil	778131	6563206	350	21	111.3	7	2.9	1.89	0.69	20.9	<0,5	0.34	4.17	0.5	22.45	2.3
PEP-S-038	Soil	778137	6563226	351	21	93.5	7.9	2.3	1.4	0.73	17.5	<0,5	0.36	3.75	<0,1	21.28	2.3
PEP-S-039	Soil	778141	6563245	352	21	91.1	6.3	2.2	1.56	0.61	17.2	<0,5	0.32	3.33	<0,1	19.26	2.1
PEP-S-040	Soil	778145	6563264	353	21	91.5	6.3	2.3	1.63	0.62	16.3	<0,5	0.31	3.12	<0,1	18.03	2.4
PEP-S-041	Soil	778151	6563283	351	21	99.8	7.2	2.3	2.22	0.76	19.6	<0,5	0.36	4.32	<0,1	23.99	2.5
PEP-S-042	Soil	778581	6561320	358	21	79.9	5.5	1.7	1.38	0.58	11.7	<0,5	0.31	2.54	<0,1	19.53	2.2
PEP-S-043	Soil	778586	6561339	360	21	76.8	4	1.6	1.32	0.41	10.5	<0,5	0.22	2.14	0.9	14.02	1.7
PEP-S-044	Soil	778591	6561359	362	21	92.4	4.9	1.9	1.25	0.45	14.6	<0,5	0.22	2.88	<0,1	15.39	1.6
PEP-S-045	Soil	778595	6561378	363	21	87.2	3	1.5	1.35	0.34	11.1	<0,5	0.17	2.34	0.6	10.66	1.4
PEP-S-046	Soil	778600	6561398	360	21	106.1	3.1	1.8	1.37	0.35	13.6	<0,5	0.2	2.45	2.2	11.73	1.5
PEP-S-047	Soil	778605	6561416	362	21	103.7	3.6	2	1.17	0.42	12.6	<0,5	0.21	2.23	1.7	13	1.6
PEP-S-048	Soil	778610	6561437	361	21	100.9	5.8	1.7	1.37	0.61	13.1	<0,5	0.3	2.45	1.7	19.15	2.1
PEP-S-049	Soil	778615	6561456	361	21	95.1	7.7	1.9	1.38	0.73	12.4	<0,5	0.36	2.5	2.3	23.4	2.1
PEP-S-050	Soil	778620	6561475	360	21	102.6	6.5	2.4	1.53	0.66	13.5	<0,5	0.32	2.75	2.7	21.06	2.2
PEP-S-051	Soil	778626	6561494	360	21	91.8	8.2	2.2	2.3	0.79	13.8	<0,5	0.38	2.88	2.7	24.8	2.5
PEP-S-052	Soil	778432	6561013	346	21	91.7	6.7	1.8	1.17	0.77	13.2	<0,5	0.33	3.39	2.8	22.19	2.2
PEP-S-053	Soil	778605	6561946	361	21	70.8	8.3	2.7	1.91	0.87	17.6	<0,5	0.37	2.76	2.3	26.08	2.4
PEP-S-054	Soil	777887	6564063	375	21	74	7.5	1.8	1.44	0.67	12.2	<0,5	0.29	2.55	2.4	18.73	2
PEP-S-055	Soil	219336	6558161	344	22	97.6	4.8	1.7	1.11	0.51	10.1	<0,5	0.26	2.51	2.3	18.7	2.1
PEP-S-056	Soil	220120	6560473	280	22	65.7	8	2	1.34	0.79	8.1	<0,5	0.36	1.44	0.9	22.85	2.3
PEP-S-057	Soil	220775	6559775	316	22	110.8	10.8	2.2	1.48	0.94	13.8	<0,5	0.39	2.45	1.3	29.36	2.9
PEP-S-058	Soil	219592	6558586	341	22	103.8	5.5	1.5	1.19	0.55	10.1	<0,5	0.28	2.39	1.2	18.82	2
PEP-S-059	Soil	219595	6558605	341	22	102.1	3.4	2.3	1.22	0.33	10.5	<0,5	0.14	1.87	0.7	12.29	1.2
PEP-S-060	Soil	219600	6558625	340	22	115.9	5.2	1.9	0.9	0.49	10.2	<0,5	0.24	2.32	0.8	17.38	1.8
PEP-S-061	Soil	219603	6558645	344	22	128	2	1.2	1.05	0.25	12.3	<0,5	0.15	3.31	1.1	10.73	1.2
PEP-S-062	Soil	219605	6558664	345	22	111.3	4.8	1.6	1.16	0.45	10.4	<0,5	0.25	2.51	0.3	18.23	1.9
PEP-S-063	Soil	219612	6558684	345	22	108.3	3.2	1.3	1.33	0.4	10.4	<0,5	0.19	2.23	0.2	14.41	1.5
PEP-S-064	Soil	219615	6558704	344	22	111.9	4.9	1.6	1.35	0.51	14.8	<0,5	0.26	2.88	0.5	18.54	1.9
PEP-S-065	Soil	219618	6558723	340	22	131.5	4.1	1.6	1.79	0.46	13.8	<0,5	0.23	2.74	0.9	16.73	1.9
PEP-S-066	Soil	219623	6558743	337	22	120.1	5.3	1.3	1.47	0.5	13.4	<0,5	0.24	2.68	0.5	18.55	2
PEP-S-067	Soil	219627	6558762	335	22	117.4	6	1.3	2.59	0.7	13.6	<0,5	0.37	2.93	0.8	20.91	2.2
PEP-S-068	Soil	753606	6558638	320	21	91.4	5.7	1.6	1.9	0.53	9.9	<0,5	0.26	2.43	2.4	18.69	2
PEP-S-069	Soil	753953	6557570	306	21	71	5.4	1.2	1.23	0.51	9	<0,5	0.24	1.91	1.3	17.87	1.8
PEP-S-070	Soil	753095	6557908	319	21	69.5	5.1	1.1	1.01	0.54	7.9	<0,5	0.22	1.81	<0,1	17.58	1.7

Table 3 (continued): Soil Sample Assays Results

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Sample ID	Sample Type	Easting	Northing	RL	Zona	Rb_ppm	Sm_ppm	Sn_ppm	Ta_ppm	Tb_ppm	Th_ppm	Tl_ppm	Tm_ppm	U_ppm	W_ppm	Y_ppm	Yb_ppm
PEP-S-071	Soil	752613	6557791	299	21	94	3.9	1	0.97	0.39	6.6	<0,5	0.18	1.62	<0,1	13.86	1.4
PEP-S-072	Soil	752286	6557493	271	21	74.9	12.7	1.4	1.17	1.23	11.3	<0,5	0.46	2.63	1.2	36.91	3.2
PEP-S-074	Soil	753897	6559989	337	21	81.6	4.4	1.5	0.93	0.43	7.9	<0,5	0.18	1.76	0.2	13.74	1.3
PEP-S-075	Soil	752963	6559708	338	21	84.2	4.6	0.8	0.96	0.47	9.1	<0,5	0.21	2.13	0.7	17.55	1.7
PEP-S-076	Soil	752122	6559585	340	21	84.2	5.8	1.1	0.83	0.6	7.5	<0,5	0.25	2.05	1.4	19.73	2
PEP-S-077	Soil	778068	6565052	377	21	136.5	6.5	1.8	2.01	0.68	17.5	<0,5	0.35	5.35	0.5	22.02	2.5
PEP-S-078	Soil	777395	6564932	382	21	135.2	6	2.3	1.59	0.6	17.4	<0,5	0.36	4.18	2.1	22.81	2.7
PEP-S-079	Soil	776577	6565080	380	21	133.7	6.8	2.2	1.7	0.77	17.9	0.5	0.41	3.98	2.1	25.53	3
PEP-S-080	Soil	775872	6565182	387	21	151.2	5.8	1.9	2.18	0.6	16.8	<0,5	0.4	4.21	1.7	24.04	3.2
PEP-S-081	Soil	773792	6561814	369	21	101	6.5	2	1.23	0.69	8.2	<0,5	0.28	1.92	2.7	23.47	2.3
PEP-S-082	Soil	773159	6562147	380	21	115.5	7.9	1.5	1.44	0.8	9.4	<0,5	0.3	2.16	2.8	23.89	2.3
PEP-S-083	Soil	778193	6555161	325	21	68.1	3.2	0.9	0.69	0.35	7.7	<0,5	0.17	1.99	0.9	13.11	1.4
PEP-S-084	Soil	778370	6554570	333	21	66.5	4.3	1.6	0.86	0.46	7.5	<0,5	0.27	2.41	1	17.36	2.1
PEP-S-085	Soil	778514	6553792	348	21	87.2	2.8	1.2	0.83	0.3	6.8	<0,5	0.16	2.23	1.3	12.34	1.4
PEP-S-086	Soil	777799	6553418	334	21	67.4	5	1.8	0.61	0.57	5.6	<0,5	0.28	1.32	1	19.45	2.2
PEP-S-087	Soil	777714	6552413	307	21	65.1	5.5	1.6	0.91	0.46	7.9	<0,5	0.18	1.89	1.1	15.35	1.5
PEP-S-088	Soil	777301	6551459	330	21	62.1	5.5	1.5	1.38	0.52	7.3	<0,5	0.24	1.95	2.3	18.64	1.8

Table 3 (continued): Soil Sample Assays Results

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Appendix 2: JORC Table 1

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Soil samples were collected from "B" horizon while rock chips from outcrops. The samples were taken randomly with sites located by a handheld GPS. • Samples varied in weight from 0.9 kg to 2.23 kg, and with an average weight of 1.23 kg per sample. • All collected soil samples for the present study were prepared and analysed by SGS Geosol in Vespasiano, Minas Gerais, ISO 9001:2015, and ISO 14001:2015 certified lab. • QAQC monitoring was achieved through the submission and monitoring of standard reference materials, duplicates and blank samples.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• No drilling results are being reported.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• No drilling results are being reported.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• No drilling results are being reported.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected,*	• No sample preparation is undertaken by the Company prior to lab submission. • The samples were prepared (crushed and pulverised) in the SGS lab in Vespasiano, Minas Gerais, Brazil.

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	including for instance results for field duplicate/second-half sampling. • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• All the samples collected for the present study work were prepared and analysed by SGS lab in Vespasiano, Minas Gerais, Brazil. • The rock chip samples were prepared using PRP70J_A2 a standard SGS´ procedure for rock and soil samples. • The both rock chips and soil samples were analysed by SGS' ICP95A and IMS95A – Lithium borate fusion with ICP-OES and ICP-MS finish. • Gold was analysed by FAA505 – Fire Assay with AAS finish (50g). • Accuracy monitoring was achieved through the submission and monitoring of standards. • Standards were submitted as "blind" control samples not identifiable by the laboratory. • In addition, SGS performs its own internal QAQC checks.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Independent contracting geologists collected samples. • The data regarding sampling location and sample information is stored in tabular format and is appended to this report. • Assays results have been reported as ppm, and there was no adjustment to assay data.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• All the data and interpretations are tight into the WGS 84 / UTM Zone 22S and 21S.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Both soil and rock chip samples are considered to have been collected randomly. • The data spacing and distribution are considered to be insufficient to establish the degree of geological and grade continuity. • Sample compositing has not been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Both soil and rock chip samples are considered to have been collected randomly. • All the samples were taken from the surface and are not representative any mineral extend at the depth and, thus, not sufficient to establish the geometry of the mineralisation.
Sample security	• *The measures taken to ensure sample security.*	• Independent geologists handed the samples off to the SGS laboratory, and the proper chain of custody was confirmed.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews are currently being performed.

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Section 2 Reporting of Exploration Results
(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	**Pepita ProjectPepita Project** • The Pepita exploration licenses application is located in southern Brazil in Dom Pedrito-RS County. The project area consists of eight licenses blocks covering an area of 13,406 ha. • A full list of licenses application and their tenement number, status, project, size, commodity are listed in Appendix 1 in ASX Announcement titled "Bayan secures a strategic gold package in southern Brazil" 31 January 2025.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	**Pepita Projectepita Project** • There is no documented systematic historical exploration over project areas. The only work conducted over the project areas include geological mapping and sampling done by Brazilian government.
Geology	• *Deposit type, geological setting and style of mineralisation.*	**Pepita Projectepita Project** • The project area is located within Santo Afonso Suite which is part of the Western Domain of the Sul-Riograndense Shield, associated with the Neoproterozoic Brasiliano Cycle. It predominantly comprises high-potassium calc-alkaline granitic rocks and forms part of a complex tectonic framework involving the Vila Nova Belt and Dom Feliciano Belt. This region reflects dynamic crustal reworking during continental collision and subsequent post-collisional extensional events. • The suite intrudes the Santa Maria Chico Granulitic Complex, a Paleoproterozoic terrane consisting of granulite-facies rocks such as quartz feldspathic gneisses, mafic granulites, and ultramafic rocks. The Santa Maria Chico Complex is the basement over which Neoproterozoic magmatism occurred, contributing enriched crustal material for the younger granitoid. • Gold mineralisation within the region is closely associated with significant structural controls, including shear zones and fault systems. These structures serve as key fluid flow pathways and critical channels for hydrothermal processes responsible for gold deposition.

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• No drilling results are being reported.

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Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No data aggregation is being used.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• No drilling results are being reported.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Appropriate figures showing sample locations and list of samples with its coordinates and assays values were included in the main body of this report.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• The announcement is believed to include all representative and relevant information and is believed to be comprehensive.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• All relevant and material historical exploration data related to the project area is discussed, have been reported or referenced.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further work will include but not limited to systematic geological mapping, additional rock chip and soil sampling, structural interpretation, historic data compilation, and drilling to identify favourable host rocks for mineralisation.

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