

Antler Gold Announces Option Agreement with Prospect Resources Limited to Sell 51% Interest of Its Highly Prospective Kesya Rare Earth Project in Zambia

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Halifax, May 12, 2023 - [Antler Gold Inc.](#) (TSXV: ANTL) ("Antler" or the "Company") is pleased to announce that Antler and its subsidiary Antler Exploration Zambia Limited ("Antler Exploration") have entered into an option agreement (the "Option Agreement") with [Prospect Resources Ltd.](#) (ASX: PSC) (FSE: 5E8) ("Prospect" or the "Partner") pursuant to which Prospect has an option to acquire 51% interest in Antler Exploration, which holds the Kesya Rare Earth Project ("Project") located in southern Zambia.

Deal Highlights:

- Prospect has up to two years to acquire a 51% interest in Antler Exploration which holds the Kesya Rare Earth Project via a total combined counterparty consideration and project expenditure payments amounting to US\$3.05 million.
- Phase 1 commitment by Prospect is two cash payments of an aggregate of US\$150,000 and US\$350,000 in exploration expenditures as well as an issuance of US\$500,000 worth of Prospect common shares within 30 days of the completion of Phase 1.
- Phase 2 option commitment by Prospect is a cash payment of US\$150,000 and US\$750,000 in exploration expenditures as well as an issuance of US\$500,000 worth of Prospect common shares within 30 days of electing to proceed to Phase 2.
- The final phase commitment by Prospect is a cash payment of US\$150,000 as well as an issuance of US\$500,000 worth of Prospect common shares at the end of the 2 year option period which will then earn Prospect 51% of Antler Exploration.

Project Highlights:

- The Project covers a Large-Scale Exploration License Application where geological mapping and surface sampling conducted by Antler Exploration has identified a large, rare earth-element enriched carbonatite.
- Rock chip samples assayed by Antler Exploration outline very encouraging total rare earth element oxide (TREO) mineralisation contained within monazite and bastnaesite with low levels of uranium and thorium.
- The Kesya rock chip results provide highly anomalous surface values in rare earth elements with the highest grab sample to date assaying 6559 ppm (0.66%) TREO.
- The grab samples are enriched in neodymium (Nd) and praseodymium (Pr) oxides which average 29% of the TREO content and makes this a very encouraging basket distribution.
- Kesya's large amount of carbonatite outcrop allows for easy drill targeting offering prospectivity to rapidly delineate a mineral resource and make a significant new rare earth element discovery in Zambia.
- Antler Exploration along with its partner Prospect are preparing for an initial 1,500m diamond drilling program to test the subsurface expression and depth extent of the mapped and sampled rare earth element enriched carbonatite.

Christopher Drysdale, CEO of Antler commented:

"We are extremely excited to announce this agreement with Prospect. It's a testament to our commitment to strategic partnerships with highly credible organizations that share our vision for value creation. Prospect has an outstanding track record, which is demonstrated by their successful advancement of the Arcadia lithium project in Zimbabwe. This agreement represents a significant milestone for Antler Gold as it underscores our ability to identify promising mineral prospects across Africa and align ourselves with top-tier companies. Not only does this partnership enable us to leverage Prospect's industry-leading expertise, but it also establishes a solid foundation for potential future collaborations, while maintaining significant exposure to the highly promising Kesya REE project."

Prospect's Managing Director and CEO, Sam Hosack, commented:

"The Option Agreement we have struck in relation to the highly prospective Kesya REE Project in Zambia is another significant milestone, which extends our reach further into the battery and electrification mineral sector in Africa, in line with our strategic objectives. Kesya has all the ingredients of a world-class, rare earth enriched, carbonatite-hosted system, having also returned significant values of the high-value REEs, neodymium and praseodymium, over a broad surface area of the Project. Zambia is a leading jurisdiction to explore and develop mining operations in subSaharan Africa, having a long-standing history in the resources sector, particularly for copper. This includes excellent infrastructure and strong support from both the government and community, with major companies like Barrick Gold and First Quantum Minerals already calling it home. We are delighted to have reached this agreement with Antler, which is an established and respected Canadian exploration and development company focussed on its flagship Erongo and Onkoshi Gold Projects, located in central Namibia. The Kesya REE Project offers excellent potential to deliver a significant new, highvalue rare earths discovery, with defined existing drilling targets and a well-established operating environment. Subject to the satisfaction of all relevant conditions precedent, this is a high-quality greenfield exploration play for Prospect."

Introduction and deal terms:

The Kesya carbonatite was first identified in 1961 by Bailey in the Kafue district in southern Zambia. An initial mapping campaign by Antler demonstrated that it is enriched with rare earth elements and warrants further exploration and drilling.

The Option Agreement is among Prospect, Antler and a subsidiary of Antler, Antler Exploration. Subject to satisfaction of certain conditions precedent, Prospect will have the right to earn a 51% interest in Antler Exploration over a two-phased earn-in arrangement over two years for total consideration of US\$3.05 million, which includes consideration payments to Antler and in-ground project expenditure.

Prospect will pay an initial non-refundable cash payment to Antler of US\$50,000 on signing. Following satisfaction of the conditions precedent under Phase 1, Prospect will pay Antler a further US\$100,000 in cash, and commit to spend US\$350,000 on the Project within one year (subject to certain extensions permitted under the Option Agreement). Prospect will also issue to Antler US\$500,000 worth of Prospect common shares at the completion of Phase 1 (the value of the common shares will be set at the price of Prospect shares at the time of signing, based on previous 10-day VWAP).

After completion of Phase 1, Prospect can elect to proceed to Phase 2 or terminate the Option Agreement (and in this case Prospect will hold no interest in Antler Exploration).

If Prospect proceeds to Phase 2, it is required to pay Antler a further US\$150,000 in cash and issue US\$500,000 worth of Prospect common shares (the value of the common shares will be set at the price of Prospect shares as at the time of election to proceed to Phase 2, based on previous 10-day VWAP), and it will have the right, but not the obligation, to spend a further US\$750,000 on the Project within one year from completion of Phase 1 (subject to certain extensions permitted under the Option Agreement).

If Phase 2 is completed, Prospect will be entitled to exercise a call option to acquire 51% of the issued and outstanding shares of Antler Exploration. To exercise the option, Prospect must make a final payment to Antler of US\$150,000 cash and issue US\$500,000 worth of Prospect common shares (the value of the common shares will be set at the price of Prospect shares as at the time of the exercise of the call option,

based on previous 10-day VWAP).

Prospect will consult with Antler in relation to the work program and budget but will ultimately determine and manage all exploration activities in relation to the Project.

Upon completion of the acquisition, Antler Exploration will be governed by a shareholders agreement ("Shareholders Agreement") among its shareholders. Prospect and Antler Exploration have agreed on the key terms of the Shareholder Agreement, with a full form Shareholder Agreement to be entered into in due course. Development funds for the Project are to be contributed by shareholders of Antler Exploration on a pro-rata basis. If a party does not contribute its pro rata share, its shareholding will be diluted via a prescribed formula. Neither party can be diluted below a 15% interest, from which point such interest shall be free-carried through to the completion of a JORC-Code reportable or NI 43-101 compliant Feasibility Study. The shareholder can then elect to convert its free carried interest to a 2% NSR or equivalent ("Royalty") and the other shareholder has a right but not the obligation to purchase one half of the Royalty for US\$5,000,000.

Proposed Exploration Programme

There has been no historic drilling done on the Kesya carbonatite and the subsurface beneath the extent of the mapped carbonatite complex and the depth extension is yet to be tested. Antler along with Prospect is designing a preliminary 1,500 metre diamond drilling programme at the project. (Figure.1) The aim is to evaluate the continuity of the identified surface REE mineralisation to depth. The initial exploration plan will be to drill twenty (20) 75m deep holes along the carbonatite as well as its contacts with the country rock by using a heli-man portable drill rig and pending all environmental and statutory approvals.

Project Location and Background

Figure 1.) Proposed Diamond Drill hole location plan for initial 1500m drilling.

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

https://images.newsfilecorp.com/files/5124/165868_4cd2c3cab446ab43_002full.jpg

The Kesya REE Project, comprises a single, large-scale exploration license (LEL) application covering 1053.13 hectares and is located near the town of Kafue in southern Zambia in the Kafue Gorge. This license is located approximately 90 km via a tarred road traveling south of the capital city of Lusaka and has water and power infrastructure nearby. Once the LEL is granted, Antler's wholly owned Zambian subsidiary, Antler Exploration Zambia Limited will own 95% of the Kesya REE Project. The remaining 5% of the Project has local ownership.

Figure 2.) Map of the location of the Kesya carbonatite located south of the capital city Lusaka.

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

https://images.newsfilecorp.com/files/5124/165868_4cd2c3cab446ab43_004full.jpg

Project Geology

The Kesya Carbonatite intruded into gneisses of the Paleoproterozoic Basement Complex rock sequences near the intersection of the mid-Zambezi-Luangwa Rift Valley and the Kesya Rift.

The Kesya Carbonatite is divided into two major rock types: Firstly, a coarse-grained carbonatite with scattered country rock xenoliths: This carbonatite is mostly composed of coarse sövite with small amounts of chlorite. The second rock type is a carbonatite breccia, which surrounds the main intrusion.

The major minerals identified are magnetite, quartz, apatite, Fe-rich phlogopite, monazite, thorite, Ti-oxides, Fe-sulphides, calcite, ilmenite, and the REE-bearing mineral bastnaesite. Dating of apatite in samples from

the carbonatite indicate that it is of Neoproterozoic age (Kesya is ca. 535 ± 16 Ma).

Figure 3.) Map of the grab sample locations with associated TREO assay values.

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

https://images.newsfilecorp.com/files/5124/165868_4cd2c3cab446ab43_006full.jpg

The carbonatite forms a central topographic high surrounded by deeply incised valleys along its margins where weathering processes are more intense.

Field investigations by Antler, and petrological (Scanning Electron Microscope (SEM)) studies completed during 2021 demonstrated that the rare earth mineralisation at Kesya is hosted mainly in monazite (a REE phosphate mineral) and bastnaesite (a REE fluoro-carbonate mineral).

Figure 4.) View of the Kesya carbonatite (Looking towards the East from the Western edge of the Kafue Gorge)

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

https://images.newsfilecorp.com/files/5124/165868_4cd2c3cab446ab43_008full.jpg

Rare Earth Element Mineralisation

Antler Gold has completed mapping and sampling campaigns at Kesya in 2021, which involved reconnaissance work across the carbonatite complex and the collection of 51 rock chip grab samples taken on the license.

Figure 6; below shows a small selection of these rock chip grab samples along with their sample ID's O6530 (A), O6537 (B), O6514 (C) and O6551 (D).

The rock chip samples collected by Antler at Kesya proved to be strongly and consistently mineralised with REE, with an average of 1280 ppm (0.13%) Total Rare Earth Oxide (TREO) content, peaking at 6559 ppm (0.66%) TREO.

Encouragingly, these samples also show consistently high contents of neodymium- and praseodymium oxide - key primary materials in the manufacture of strong permanent magnets for powerful motors, used in such devices as large, wind turbines, increasingly utilised in the global renewable energy sector.

Neodymium and praseodymium oxides average 29% of the Total Rare Earth Oxide (TREO) content of the rock chip samples collected from Kesya (Figure 5).

Figure 5.) Pie Chart showing average grades of Individual REO's from the Kesya sampling campaign.

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

https://images.newsfilecorp.com/files/5124/165868_antler5en.jpg

Figure 6.) Images of rock chip grab samples from field mapping at Kesya.

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

https://images.newsfilecorp.com/files/5124/165868_antler6en.jpg

Summary of most recent grab assay results

Grab Sample	TREO %	X	Y	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
				Y2O3	La2O3	Ce2O3	Pr2O3	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb2O3	Dy2O3	Ho2O3
ZED001	0.146	654528	8243994	99	199	423	83	428	95	20	61	7	27	4
ZED003	0.03	654528	8243994	19	44	117	17	78	16	3	10	1	5	1
ZED004	0.117	654453	8243961	53	181	457	63	296	53	10	28	3	13	2
ZED005	0.125	654603	8243960	66	186	477	67	322	57	11	31	3	15	2
ZED006	0.122	654528	8243938	62	186	463	66	311	58	12	33	4	15	2
O6501	0.127	655936	8242155	130	186	454	62	285	50	9	35	4	23	4
O6503	0.097	655859	8242297	48	147	370	52	247	43	8	26	3	12	2
O6504	0.202	655543	8242438	94	335	805	109	488	81	15	50	6	23	3
O6505	0.089	655536	8242197	42	149	341	46	213	39	9	26	3	11	2
O6506	0.168	655642	8241806	75	251	657	92	435	75	15	44	5	19	3
O6510	0.103	655936	8242316	98	133	358	51	248	50	9	37	4	20	3
O6511	0.132	655805	8242525	63	198	506	72	343	59	12	35	4	16	2
O6512	0.125	655779	8242562	57	204	491	67	304	54	10	32	3	15	2
O6513	0.100	655738	8242593	56	158	388	53	244	42	9	26	3	13	2
O6514	0.143	655734	8242626	91	195	522	76	374	72	12	47	5	22	3
O6515	0.083	655864	8242675	56	127	313	43	197	35	7	22	3	12	2
O6520	0.077	655916	8243505	42	118	299	41	191	32	7	20	2	9	1
O6521	0.097	655865	8243435	47	145	374	53	252	43	10	26	3	11	2
O6522	0.076	655805	8243283	46	111	285	41	194	36	7	22	2	10	2
O6523	0.061	655832	8243239	48	83	219	31	149	29	7	20	2	10	1
O6524	0.094	655748	8243220	46	151	369	51	234	39	8	23	3	10	2
O6525	0.119	655611	8243079	52	184	463	65	307	50	10	30	3	13	2
O6526	0.250	655013	8242769	75	551	1059	125	513	76	16	43	4	17	3
O6527	0.105	655125	8242566	52	162	403	56	260	50	10	30	3	14	2
O6528	0.089	655446	8242604	44	137	347	48	220	39	7	24	3	11	2
O6529	0.088	655449	8242692	50	142	340	46	211	35	8	24	3	12	2
O6530	0.656	655533	8242712	179	1048	2624	372	1750	283	64	156	14	46	6
O6531	0.109	655601	8242698	72	143	394	58	282	55	11	39	4	18	3
O6532	0.095	655691	8242655	43	151	374	51	232	40	7	24	3	11	2
O6533	0.148	655143	8242801	67	284	620	77	318	48	10	29	3	13	2
O6534	0.138	655216	8242642	66	289	577	67	273	42	9	26	3	13	2
O6535	0.107	655234	8243119	60	160	409	57	268	46	9	30	3	14	2
O6536	0.129	655080	8242895	70	197	486	69	323	58	13	37	4	18	3
O6537	0.467	655062	8242800	74	1105	2085	235	925	122	23	65	6	19	2
O6538	0.106	654502	8244494	75	157	397	56	253	48	9	31	3	16	3
O6539	0.129	654520	8244485	135	155	426	67	318	69	12	52	6	28	4
O6540	0.056	654498	8243994	32	77	206	31	147	29	6	18	2	7	1
O6541	0.050	654431	8244012	53	68	182	25	110	21	4	15	2	10	2
O6542	0.070	654338	8243916	41	107	275	38	169	31	6	18	2	9	1
O6543	0.086	654521	8243704	42	136	341	48	212	36	7	21	2	9	1
O6544	0.068	654482	8243699	43	102	255	37	169	30	6	19	2	9	1
O6545	0.118	654427	8243732	51	182	465	66	296	52	9	31	3	12	2
O6546	0.061	654427	8243868	32	93	240	33	148	27	5	16	2	7	1
O6547	0.081	654499	8243866	63	116	298	42	192	38	8	25	3	13	2
O6548	0.074	654520	8243772	44	111	283	40	180	33	6	21	2	10	1
O6549	0.080	654580	8243745	50	120	303	43	198	37	7	23	2	11	2
O6550	0.074	654892	8243002	50	120	287	38	168	31	7	20	2	10	2
O6551	0.264	654977	8242880	53	585	1195	139	516	70	16	35	3	13	2
O6553	0.189	654238	8243786	56	291	751	110	503	88	18	48	4	13	2
O6554	0.139	654101	8243771	44	220	558	78	355	61	12	33	3	12	2
O6555	0.069	654095	8243877	34	111	269	38	164	29	5	18	2	8	1

During the mapping campaign undertaken by Antler Gold, 51 rock chip grab samples were taken from in-situ outcrop at the Kesya REE Project. Sample sizes were 1-3 kg and taken to fairly represent the lithology recorded at each sample site.

In addition to the rock chip samples, an extra 15% of QAQC materials (2 x blanks, 2 x each of CRM AMIS0185, AMIS0304, AMIS0356 and 2 x duplicate field samples) were added to the batch of samples dispatched for assaying to comply with QAQC regulations.

All samples were shipped to Namibia and prepared by crushing and milling at Activation Laboratories Ltd (ACTLABS) in Windhoek.

Pulped samples were then exported to ACTLABS in Ancaster, ON, Canada, for Code 8 - REE analysis, which is a lithium metaborate/tetraborate fusion with subsequent analysis by ICP-OES and ICP-MS.

Qualified Person

The technical and scientific information in this presentation has been reviewed and approved by Oliver Tors, B.Sc (Hons)., Exploration Manager of the Company, who is registered Professional Natural Scientist with the (SACNASP) South African Council for Natural Scientific Professions (Pr. Sci. Nat. No. 120660) who is a Qualified Person as defined by NI 43-101. Mr. Tors is an employee of Antler Gold Inc. and is not independent of the Company under NI 43-101.

About Antler Gold Inc.

Antler Gold Inc. (TSXV: ANTL) is a Canadian listed mineral exploration company focused on the acquisition and exploration of mineral projects in Africa's Top-Ranked Jurisdictions, with exposure to both gold and REE. Antler's total license position now comprises 6 projects for a total landholding of approximately 584,347 ha. The Company continues to assess new regional opportunities with the aim of building a risk diversified business model, which allows the company to generate short and long- term income whilst providing stakeholders with exposure to potential multiple returns that are generated from the discovery process.

About Prospect Resources Limited (ASX: PSC) (FSE: 5E8)

[Prospect Resources Ltd.](#) (ASX: PSC) (FSE:5E8) is an ASX listed company focused on the exploration and development of mining projects, specifically battery and electrification metals, in Zimbabwe and the broader sub-Saharan African region.

Cautionary Statements

This press release may contain forward-looking information, such as statements regarding the completion of the transactions subject to the Option Agreement and future plans and objectives of Antler and its subsidiary, Antler Exploration in relation to the Project. This information is based on current expectations and assumptions (including assumptions in connection with the continuance of the applicable company as a going concern and general economic and market conditions) that are subject to significant risks and uncertainties that are difficult to predict, including risks relating to the ability to satisfy the conditions to completion of the transactions contemplated by the Option Agreement. Actual results may differ materially from results suggested in any forward-looking information. Antler assumes no obligation to update forward-looking information in this release, or to update the reasons why actual results could differ from those reflected in the forward-looking information unless and until required by applicable securities laws. Additional information identifying risks and uncertainties is contained in filings made by Antler with Canadian securities regulators, copies of which are available at www.sedar.com.

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