

Helio Increases Gold Grade of and Confidence in Mineral Resources at its SMP Gold Project, Tanzania

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VANCOUVER, March 26, 2015 /CNW/ - [Helio Resource Corp.](#) (TSX-V: HRC), ("Helio" or the "Company") is pleased to report that it has received an updated NI43-101 compliant Mineral Resource Estimate for its SMP Gold Project, Tanzania, from Snowden Mining Industry Consultants ("Snowden")

HIGHLIGHTS

- The total Indicated Resource is 7.5 million tonnes ("Mt") grading 2.4 grams per tonne ("g/t") gold (Au) for 590,000 ounces (oz) Au contained.
- This can be broken down into 5.9 Mt grading 1.8 g/t Au for 332,000 oz inside a pit constrained shell at US\$1,400/oz gold price and 1.6 Mt grading 4.9 g/t for 258,000 ounces of potentially underground mineable material (see Table 2 below).
- The total Inferred Resource is 0.56 Mt at 2.5 g/t Au containing 45,000 oz Au in the same pit constrained shell and underground configurations.
- The higher-grade underground resource bodies are all open at depth.
- The new high-grade zones at Gap encourage further follow-up, especially the western shoot, which returned an intercept of 4m grading 30 g/t Au (see news release dated January 29, 2015).

Mr. Richard Williams, CEO of the Company, commented: "The SMP Mineral Resource is now classified almost entirely as Indicated, which gives us much greater confidence in the quality of the resource estimation and puts us in the position to advance the project to a production decision through a feasibility study. It is our belief that current market conditions favour projects that can supply high-grade process feed material, resulting in low unit costs, with modest up-front capital requirement. We believe that SMP presents such an opportunity."

The purpose of the work reported here is to estimate new Mineral Resources at the Konokono and Gap deposits and update previous estimates for the Kenge, Mbenge, Porcupine and Snakebite deposits, where additional drilling and / or updated resource estimation methodologies have been applied.

Pit envelope constrained resources are reported at a 0.5 g/t Au cut-off within a pit shell using a \$1,400/oz gold price. Underground potential was constrained within wireframes at a minimum mining width of 2.5 m and at a cut-off of 2.5 g/t Au.

The results are summarised in Table 1 below.

Table 1. Total Mineral Resources at SMP (see footnotes to table 2 for assumptions and details of estimation parameters).

Resource	Average	Tonnes	Contained
Classification	Grade	(kt)	Gold
	(g/t Au)		(koz)
Indicated	2.4	7,539	590
Inferred	2.5	561	45

Resource Modelling

The new models are constrained by wireframes interpreted from geological evidence of mineralisation (shearing and alteration) and by using low grade (0.3 g/t Au) and high grade (2.5 g/t Au) cut-offs. For this estimate, Snowden created a single, domained model (using high-grade and low-grade kriging zones) for Kenge, Mbenge and Porcupine.

The drill hole database cut-off date for the resource estimate database was January 31, 2015. The drill hole database for the resource estimate contains a total of 375 diamond drill holes (DDH) for 68,592.45 m and 565 reverse circulation holes totalling 51,771.70 m.

The drill hole assay database consists of 64,677 samples, comprising 39,484 DDH samples and 25,193 RC samples.

Helio geologists logged the drill core and RC drill chips in detail on site, supervising sawing and bagging and sampling of half the core or RC chips from mineralized intervals. Remaining core is stored in a secured on-site location.

Continuous samples were taken from all RC drill holes. RC drilling conducted pre-2014 used 2m composite samples, whereas the 2014 onwards drilling uses individual 1m samples. For diamond drilling, pre-2010 sample lengths were determined by geology, but since then samples within the mineralised zones have been taken at a 1m length. Reference samples are retained on site. All samples were submitted to the laboratory with internal QA/QC checks including the use of blanks, standards and duplicates (at an average rate of 1 every 20 samples each.) Samples were assayed at the SGS Laboratory in Mwanza, Tanzania by 50g gold fire assay with an AA finish. As well as the Company's internal QA/QC programme, SGS also applied their own internal QA/QC programme, consisting of insertion of standards and duplicates.

Block models were constructed in CAE Datamine™ software.

Snowden classified the Mineral Resource Estimate as Indicated or Inferred based on drill hole spacing, grade continuity, and reliability of data consistent with Canadian Institute of Mining ("CIM") guidelines.

The accompanying NI 43-101 report will be made available on the Company's website and under its profile at www.sedar.com within 45 days of this news release.

Mineralized Area	Resource Classification	Pit Envelope Constrained			Potential Underground			Total		
		Average grade (g/t Au)	Tonnes (kt)	Contained Gold (koz)	Average grade (g/t Au)	Tonnes (kt)	Contained Gold (koz)	Average grade (g/t Au)	Tonnes (kt)	Contained Gold (koz)
Porcupine	Indicated	1.8	2,856	163	5.0	940	152	2.6	3,795	315
	Inferred	0.6	23	0	4.3	99	14	3.6	122	14
Kenge	Indicated	1.6	1,951	100	5.1	516	84	2.3	2,467	185
	Inferred	-	-	-	4.2	4	1	4.2	4	1
Mbenge	Indicated	2.0	796	51	3.8	120	15	2.2	916	66
	Inferred	1.2	37	1	3.2	8	1	1.6	46	2
Konokono	Indicated	1.8	299	17	3.3	9	1	1.8	308	18
	Inferred	1.2	105	4	3.4	58	6	2.0	163	10
Gap	Indicated	1.0	3	0	3.6	49	6	3.5	52	6
	Inferred	1.5	56	3	2.9	14	1	1.7	70	4
Snakebite	Indicated	-	-	-	-	-	-	-	-	-
	Inferred	2.4	112	9	3.3	44	5	2.7	156	13
Subtotal	Indicated	1.8	5,905	332	4.9	1,634	258	2.4	7,539	590
	Inferred	1.6	333	17	3.8	228	27	2.5	561	45

Table 2. Summary of the Resource Estimate within pit constrained shells and potentially underground mineable material outside of the pit shells

1. Mineral Resources estimated as of 28 February, 2015
2. Canadian Institute of Mining ("CIM") standards were followed for estimating Mineral Resources.
3. Totals may appear different from the sum of their components due to rounding.
4. Mineral Resources are estimated using an average gold price of \$1,400 per ounce.
5. Average bulk density is 2.70 t/m³.
6. Interpolation was by Ordinary Kriging utilizing diamond drill and reverse circulation samples
7. Pit envelope constrained Mineral Resources are estimated at a cut-off grade of 0.5 g/t Au, constrained by the \$1,400 Au pit shell.
8. Potentially underground mineable Mineral Resources are estimated at a cut-off grade of 2.5 g/t Au.
9. A minimum mining width of approximately 1 m was used to interpret veins using diamond drill and reverse circulation sampling.
10. The Mineral Resource Estimate was carried out under the supervision of Mr R. Carlson, MAIG (RPGeo), MAusIMM., an employee of Snowden at the time of the resource estimate and independent of [Helio Resource Corp.](#), and a "Qualified Person" for the purpose of National Instrument 43-101.

Qualified Person

Mr. Roderick Carlson, MAIG (RPGeo (Mining and Exploration)), MAusIMM, of Snowden Mining Industry Consultants Pty Ltd, at the time of the estimate, is the independent Qualified Person ("QP") responsible for the Mineral Resource for the SMP Gold Project and has reviewed and approved the contents of this news release.

Chris MacKenzie, M.Sc., C.Geol., Helio's COO and a Qualified Person as designated by NI 43-101, is based in Africa and supervises the exploration at Helio's projects, including the sampling and quality assurance / quality control (QA-QC) programmes, and has reviewed and approved the contents of this news release.

About Helio Resource Corp.

[Helio Resource Corp.](#) is a resource company focused on advancing the 100% owned SMP Gold Project in Tanzania to a production decision, and outlining the resource potential at the DGP Gold Project in Namibia.

ON BEHALF OF THE BOARD OF DIRECTORS

"Richard D. Williams"
Richard D. Williams, P.Geo, CEO

"Chris MacKenzie",
Christopher J. MacKenzie, C.Geol., COO

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