Kesselrun Reviews 2022 Along with Further Fisher and Huronian Zone Results

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Thunder Bay, January 12, 2023 - Kesselrun Resources Ltd. (TSXV: KES) (OTCQB: KSSRF) ("Kesselrun" or the "Company") is pleased to share a review of the highlights and accomplishments of the 2022 exploration program on the Huronian Gold Project, including further drill results from the Fisher and Huronian Zones, as well as the outlook for 2023.

Highlights

- 2022 highlights saw significant expansions of all known zones and the discovery of multiple new zones
- 22HUR168 on the Fisher Zone intercepted 8.0 g/t Au over 0.6 m within a 13.7 m interval which averaged 0.5 g/t Au
- 22HUR155 on the Huronian Zone intercepted 8.8 g/t Au over 0.5 m within a 10.4 m interval which averaged 0.7 g/t Au
- 2023 will see refinement of the mineralization model, integration of the geophysics in targeting and drill testing

Figure 1: Schematic Plan Map - Huronian Mine Area - Huronian Gold Project

To view an enhanced version of Figure 1, please visit: https://images.newsfilecorp.com/files/4206/151072_ec1996f4443aba44_001full.jpg

Exploration on Kesselrun's 100% owned Huronian Gold Project is focused on outlining and growing gold mineralization in the numerous known zones located in close proximity to the former producing Huronian Gold Mine as well as the discovery of new zones elsewhere on its underexplored and extensive 4600-hectare land package.

2022 Highlights

- Discovery of new high-grade zones in the Fisher area and a near doubling of the strike and depth extents of the main Fisher Zone
- Doubling the strike length of the McKellar Zone
- Refining and continuing to prove model through high-grade intercepts across zones
- NuTEM and Magnetics Geophysical Survey over entire Huronian project area

Fisher Zone

At the beginning of 2022, the Fisher Zone was modeled as a singular high-grade zone with a strike length of ~400 m and a depth of ~175 m. As a result of effective modeling and successful drilling, Kesselrun was able to identify multiple new high-grade zones on both the hanging-wall and foot-wall sides of the main zone as well as extend the main zone to a strike length of ~700 m and depth of ~250 m. A further twelve holes were drilled near the end of the 2022 exploration program testing strike extents of known zones as well as new targets within the Fisher area. Results are summarized in Table 2. below. 2023 planned drilling will test strike

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and depth extents of all Fisher area zones.

Figure 2: Schematic Long Section - Fisher Zone

To view an enhanced version of Figure 2, please visit: https://images.newsfilecorp.com/files/4206/151072_ec1996f4443aba44_002full.jpg

Table 1: Summary of Significant Drill Intercepts - Fisher Zone (1)

Hole ID	Zone	From (m) To (m) I	nterval (m) Au (g/t)
20HUR003	Fisher	6.0	63.0	57.0	1.8
į	including	7.0	12.2	5.2	15.7
20HUR004	Fisher	12.0	57.1	45.1	6.2
i	including	15.6	20.5	4.9	42.1
21HUR067	Fisher	125.9	132.5	6.6	10.4
į	including	131.9	132.2	0.3	204.0
21HUR069	Fisher	142.7	149.4	6.7	6.4
21HUR080	Fisher	199.6	216.7	17.1	0.9
i	including	200.2	200.8	0.6	11.8
21HUR082	Fisher	186.5	190.1	3.6	6.0
		186.5	187.5	1.0	18.6
21HUR112	Fisher	165.6	170.5	4.9	5.5
		169.9	170.5	0.6	25.1
22HUR147	Fisher	126.6	127.6	1.0	49.5

⁽¹⁾ Widths are drill indicated core length as insufficient drilling has been undertaken to determine true widths with at this time. Average grades are calculated with un-capped gold assays as insufficient drilling has been completed to determine capping levels for higher grade gold intercepts.

Table 2: Summary of Further Drill Intercepts - Fisher Zone (2)

Hole ID	Zone	From (m) To (m) I	nterval (m) Au (g/t)
22HUR157	Fisher	46.2	47.2	1.0	1.5
22HUR158	Fisher FWB	39.0	49.4	10.4	0.2
	Fisher FWA	92.5	97.0	4.5	8.0
22HUR159	Fisher	no signif	icant valı	ıes	
22HUR160	Fisher	93.3	103.8	10.5	0.4
22HUR162	Fisher	92.8	93.5	0.7	2.1
22HUR163	Fisher HWA	8.0	17.1	9.1	0.5
	Fisher	44.9	47.0	2.1	1.6
22HUR164	Fisher	22.3	36.0	13.7	0.4
22HUR165	Fisher	148.3	165.0	16.7	0.2
22HUR166	Fisher	186.0	187.0	1.0	1.1
22HUR167	Fisher	102.1	103.1	1.0	2.5
	Fisher FWB	146.5	147.5	1.0	1.2
22HUR168	Fisher HWB	34.0	47.7	13.7	0.5
	including	34.5	35.1	0.6	8.0
	Fisher	183.7	202.0	18.3	0.3
22HUR169	Fisher HWB	74.0	79.0	5.0	0.2
	Fisher	161.0	210.9	49.9	0.2

⁽²⁾ Widths are drill indicated core length as insufficient drilling has been undertaken to determine true widths with at this time. Average grades are calculated with un-capped gold assays as insufficient drilling has been completed to determine capping levels for higher grade gold intercepts.

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McKellar & Huronian Zones

Kesselrun was successful in greatly extending the strike length of the McKellar Zone during 2022. At its furthest drilled holes to the west, the zone now has a total length of ~1200 m which doubled the 2021 zone strike length of 600 m. The McKellar zone has only been drilled to a depth of ~150 m leaving great potential at depth. As well, a further kilometre of strike length remains untested to the far southwest. Plans for 2023 will see further drilling to extend the McKellar Zone to depth, infill drilling and testing of the far southwest strike extents.

The Huronian Zone hosts the past producing Huronian Mine and its associated underground workings. Drilling amongst the workings has proved the zone still hosts significant unmined gold mineralization as well as giving a better understanding of the controls on mineralization which will be utilized to better target depth and strike extents on the zone in 2023. A further three holes were drilled near the end of the 2022 exploration program further testing areas within and near the historic underground workings. Results of those drill holes and a summary of significant drill intercepts on the Huronian Zone are summarized in Table 4. below.

Figure 3: Schematic Long Section - McKellar Zone

To view an enhanced version of Figure 3, please visit: https://images.newsfilecorp.com/files/4206/151072_ec1996f4443aba44_003full.jpg

Table 3: Summary of Significant Drill Intercepts - McKellar Zone (3)

Hole ID	Zone	From (m)	To (m)	Interval (m)	Au (g/t)
21HUR056	McKellar	17.7	85.5	67.8	1.6
	including	79.7	85.5	5.8	7.2
21HUR077	McKellar	8.2	9.2	1.0	13.7
	and	80.8	91.8	11.0	0.7
21HUR078	McKellar	91.6	98.9	7.3	30.3
	including	94.0	95.9	1.9	113.7
21HUR091	McKellar	50.1	56.0	5.9	6.4
	including	51.8	52.4	0.6	47.8
21HUR125	McKellar	18.2	116.0	97.8	0.3
	including	18.2	33.6	15.4	0.9
21HUR126	McKellar	17.5	62.3	44.8	0.6
	including	59.8	62.3	2.5	3.5
22HUR151	McKellar	137.6	148.7	11.1	1.7
	including	143.0	144.0	1.0	16.4
22HUR170	McKellar	15.0	139.0	124.0	1.8
	including	21.0	32.6	11.6	14.4
	including	26.0	26.8	8.0	184.0
22HUR176	McKellar	125.9	138.0	12.1	0.7
	including	137.0	138.0	1.0	7.2
22HUR178	McKellar	12.0	36.0	24.0	1.3
	including	12.0	12.6	0.6	48.0

⁽³⁾ Widths are drill indicated core length as insufficient drilling has been undertaken to determine true widths with at this time. Average grades are calculated with un-capped gold assays as insufficient drilling has been completed to determine capping levels for higher grade gold intercepts.

Figure 4: Schematic Long Section - Huronian Zone

To view an enhanced version of Figure 4, please visit: https://images.newsfilecorp.com/files/4206/151072_ec1996f4443aba44_004full.jpg

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Table 4: Summary of Past Significant and Further Drill Intercepts - Huronian Zone (4) (5)

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Hole ID	Zone	From (m)	To (m) I	nterval (m) Au (g/t)
20HUR029	Huronian	29.0	36.0	7.0	2.7
	including	35.1	36.0	0.9	13.0
21HUR040	Huronian	263.4	266.3	2.9	7.3
	including	263.4	263.9	0.5	34.2
21HUR054	Huronian	115.4	119.5	4.1	16.2
	including	115.4	116.0	0.6	81.5
21HUR063	Huronian	311.0	311.9	0.9	12.9
21HUR066	Huronian	192.5	194.4	1.9	10.5
	including	193.0	193.9	0.9	22.0
21HUR070	Huronian	381.0	384.0	3.0	13.6
	including	382.7	383.6	0.9	41.8
21HUR075	Huronian	386.9	407.8	20.9	1.0
	including	392.5	393.1	0.6	12.6
22HUR155 (5) Huronian	314.2	324.6	10.5	0.7
	including	322.3	322.8	0.5	8.8
22HUR156 (5) Huronian	136.7	141.2	4.5	0.5
22HUR161 (5) Huronian	300.0	304.5	4.5	0.9

⁽⁴⁾ Widths are drill indicated core length as insufficient drilling has been undertaken to determine true widths with at this time. Average grades are calculated with un-capped gold assays as insufficient drilling has been completed to determine capping levels for higher grade gold intercepts.

NuTEM & Magnetics Geophysical Survey

Kesselrun carried out a NuTEM and Magnetics geophysical survey in 2022 over the entire project area. In the Huronian Mine area the geophysics is expected to assist in identifying new zones of gold mineralization as well as extensions of known zones. In the southern portion of the project area, on strike from the adjacent Moss Lake Gold Project where outcrop exposure is below average, the geophysics, integrated with the reconnaissance drilling performed at the end of last year's program, will identify high priority targets and focus exploration efforts in 2023.

Michael Thompson, P.Geo., President and CEO of the Company, stated, "With over 36,000 metres drilled since kicking off our inaugural drill program in 2020 we have grown the footprint of the McKellar and Fisher Zones significantly while discovering multiple new zones within the Fisher area. The Huronian Zone has been shown to host significant remnant gold mineralization in the historically mined area and that the gold mineralization remains robust at depth and open down plunge. Much of the Huronian Gold Project area remains underexplored and the NuTEM/Magnetics survey and associated reconnaissance exploration initiated last year will assist the team in proving up the significant potential that we believe exists. 2023 will see Kesselrun advance the project to the next stage in what we believe will be a rising gold market."

About the Huronian Gold Project

The 100% owned Huronian Gold Project hosts the past producing Huronian Mine, Northwestern Ontario's first gold mine with an historic resource estimate of 44,592 oz Au at an average grade of 15.3 g/t Au in the indicated category and 501,377 oz Au at an average grade of 14.4 g/t Au in the inferred category. The resource estimate presented for the Huronian Project is historic in nature. Kesselrun Resources' qualified person has not completed sufficient work to confirm the results of the historical resource. Kesselrun Resources is not treating this as a current mineral resource but is considering it relevant as a guide to future exploration and includes it for reference purposes only. The historic resource was estimated by Minescape Exploration Inc. in 1998. Further drilling will be required by Kesselrun Resources to verify the historic estimate as current mineral resources.

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⁽⁵⁾ Previously unreleased results.

As well, the Huronian Gold Project hosts the same lithological package of rocks, as interpreted from both Government of Ontario and Kesselrun Resources mapping, compilation and modelling, on strike from the adjacent Moss Lake Gold Project with an NI 43-101 complaint resource estimate of 4.17M oz Au at an average grade of 1.1 g/t Au in the inferred category ⁽²⁾. Mineralization hosted on adjacent and/or nearby properties is not necessarily indicative of mineralization hosted on Kesselrun Resources' property.

(6) Goldshore Resources Inc. news releases November 15, 2022.

Qualified Person

Michael Thompson, P.Geo., President and CEO of Kesselrun, is the Qualified Person responsible for the project as defined by National Instrument 43-101 and has approved the technical information in this news release.

QAQC

Kesselrun has implemented a quality control program to comply with industry best practices for sampling, chain of custody and analyses. Certified gold reference standards, blanks and duplicates are inserted at the core processing site as part of the QA/QC program in addition to the control samples inserted by the lab. Samples are prepared and analyzed by Activation Laboratories in Thunder Bay. Samples are analyzed for gold using Fire Assay-AA techniques. Samples returning over 10 g/t gold are analyzed using Fire Assay-Gravimetric methods. Selected samples are also analyzed with a standard 1 kg metallic screen fire assay. All results reported herein have passed QA/QC protocols.

About Kesselrun Resources Ltd.

Kesselrun Resources is a Thunder Bay, Ontario-based mineral exploration company focused on growth through property acquisitions and discoveries. Kesselrun's management team possesses strong geological and exploration expertise in Northwest Ontario. For more information about Kesselrun Resources, please visit www.kesselrunresources.com.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this news release.

For additional information please contact:

Kesselrun Resources Ltd.

Michael Thompson, P.Geo., President & CEO 807.285.3323 michaelt@kesselrunresources.com

Corporate Communications 1.866.416.7941 information@kesselrunresources.com

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prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements.

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