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DIAMOND DRILLING REPORT

FOR THE RANEY GOLD PROJECT OF

ROCKRIDGE RESOURCES LTD.

RANEY TWP.

PORCUPINE MINING DIVISION

ONTARIO

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Summary:

Between September 12, 2020, and November 30, 2020, Rockridge Resources Ltd. completed a Phase II diamond drill program on its Raney Gold Project, situated within Raney Township of the Porcupine Mining Division. The drill program consisted of eleven NQ sized drill holes for a total of 2,965 metres. The purpose of the drill program was to evaluate an historical gold showing and test several geophysical anomalies. The work was performed by Missinaibi Drilling Services Inc. of South Porcupine Ontario, under the supervision of Todd Keast, P. Geo, of Sudbury, Ontario. A Garmin handheld non differential GPS units were used to spot all drill holes in the Universal Transverse Mercator (UTM) in zone 17U, NAD83. The drill sites were cleaned of garbage/debris and holes were capped, throughout the program upon completion of each hole.

The drilling program has expanded the down dip and along strike continuity of the historical gold mineralized zone(s). Geological mapping, prospecting and detailed magnetometer surveys are recommended to follow up on the drilling results.

Introduction:

Property Description:

Rockridge Resources Ltd. (ROCK) Raney Gold Property (i.e., the property) consisted of 79 cell mining claims (Appendix A) covering an area of 1,500 hectares in Raney Township of the Porcupine Mining Division, Territorial District of Sudbury, Ontario. The Property is located 128 kilometers south west of Timmins, Ontario (Fig. 1). The work was approved under the Ministry of Energy, Northern Development and Mines (ENDM) Permit: PR-20-000192 effective from 2020/08/18 to 2023/08/17 for the following activities: (Geophysical Survey Requiring Generator Type, Line Cutting (<1.5m width), Mechanized Drilling (Assembled Weight >150kg), Trails (TS)). An additional 67 cell mining claims were registered on April 22nd and 23rd, 2020 contiguous to the original property following the drilling program.

Property Access:

The property is accessed by travelling from Timmins west along Hwy 101 for 92 km. A sign on the south side of the highway indicates the start of the Foleyet Timber Road (#105). Travel south along the Foleyet Timber Road for 42 km, yellow mileage markers are posted along the road. Travel to mileage marker 26 located near a T junction in the road. Signage indicates the Foleyet Timber Camp on the west branching Rollo road (#216) off the Foleyet Timber Road. Travel west along the Rollo Road. The Rollo road has white kilometre markers posted, with the Foleyet Timber Camp located at the 2 km marker. Proceed west past the timber camp along the Rollo road to kilometre marker 14 km. Approximately 100 metres past the 14 km marker is the start of a trail on the north side of the Rollo Road. Follow the trail north/west for 11 km to the Raney Gold Project. The trail can be travelled in summer with truck, depending on water conditions and activity of beavers at two ponds along the trail.

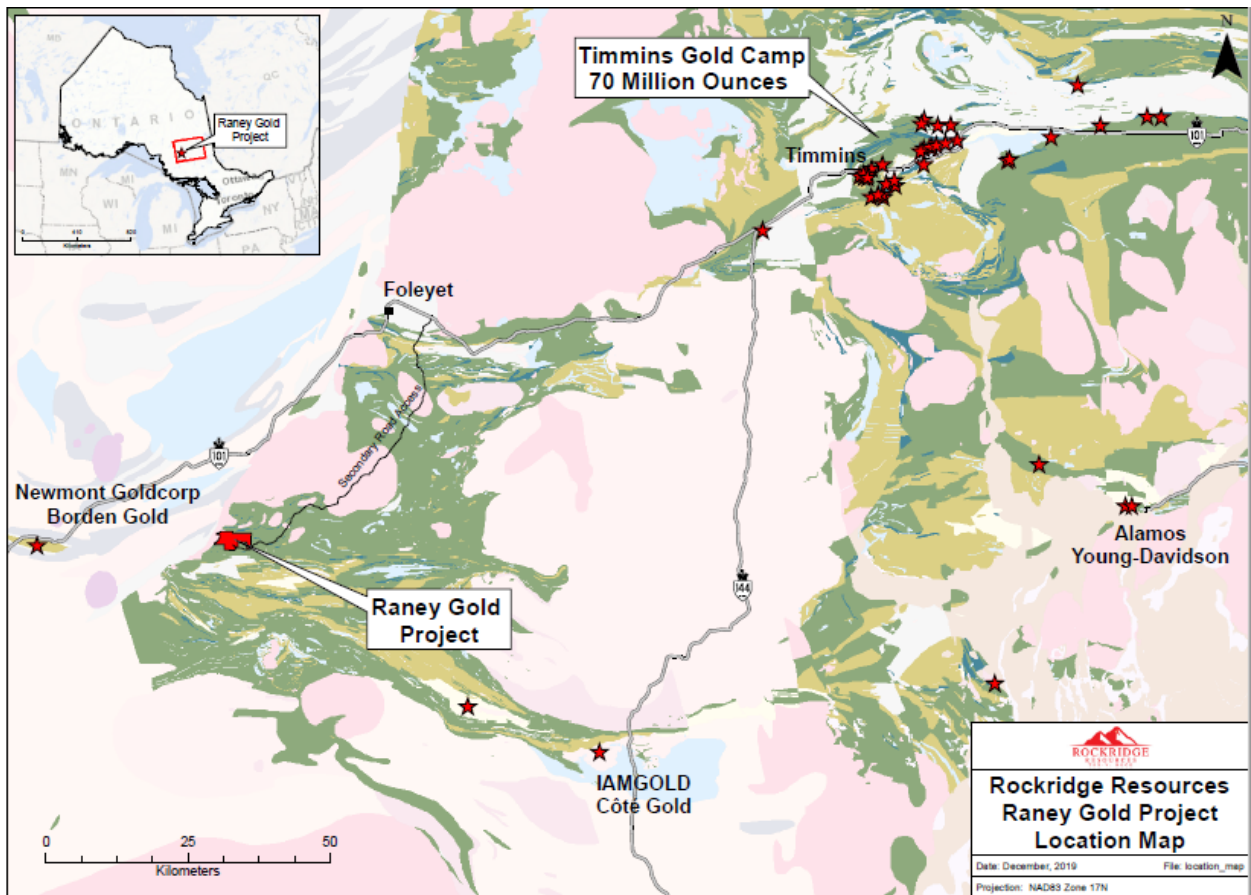


Figure 1: The location of Rockridge Resources Corporation’s Raney Gold Project. The property boundary is indicated by the red polygon.

Property Background:

Raney Township, in addition to 5 other townships and portions of 6 other townships were mapped and documented in the Ontario Department of Mines Annual Report 1934 (Map 43b). At the time of the mapping, The Raney Lake Prospecting Syndicate occurrence is identified at the approximate location of the Raney Gold Project. The early geological mapping indicates a sequence of conglomerates and volcanic tuffs underlying the Raney Gold Project. The property has experienced numerous phases of small exploration programs including mapping, geochemical surveys, ground geophysical surveys, pack sack drilling and diamond drilling programs. In addition, the Ontario government has completed several successive phases of bedrock mapping and airborne geophysical surveys.

Sporadic exploration programs including mapping, prospecting, geochemical surveys, geophysical surveys and diamond drilling have been performed on the Raney Project. Rockridge Resources acquired the property in 2016. Rockridge completed a Phase I drilling program in 2020, results of which are included in Assessment Report “Diamond Drilling Report for the Raney Gold Project of Rockridge Resources LTD. September 24, 2020, T. Keast”.

Deposit Type:

Gold mineralization in the Swayze Belt, and specifically the Raney Township Gold Property is typical of the Archean or Mesothermal Lode Gold deposit model. These deposits are responsible for roughly 20% of the world’s cumulative gold production and are mostly characterized by gold enriched quartz vein systems associated with supracrustal belts in low to medium-grade metamorphic terranes. The classification of “mesothermal” is based on numerous characteristics, the most important being the high gold/silver ratio and the temperature at which deposition takes occurs. On a deposit scale, gold mineralization, alteration, and veining are better developed in areas that are sheared and/or occur in areas of structural heterogeneity such as near major lithological contacts and near intrusions, such as felsic porphyry bodies or dikes. In addition, they are typically vertically continuous and often show strong carbonate alteration (Hodgson, 1993).

Hodgson (1993) classifies mesothermal gold deposits into two types, those in belts dominated by volcanic rocks and those dominated by sedimentary rocks. The volcanic-dominated

group can be further divided into three subsets: gold-bearing quartz vein deposits; disseminated pyritic quartz-albite and/or potassium feldspar-carbonate replacement deposits; and sulphide replacement of oxide iron formations.

Gold mineralization in the Swayze belt occurs in a wide variety of rock types but is most commonly associated with rusty weathering and schistose, iron-carbonatized and sericitized, mafic volcanic rocks. The mineralization is closely associated with quartz-carbonate veining, commonly with disseminated iron sulphides and locally with arsenopyrite, stibnite, and base metal sulphides. Vein-type deposits, as seen in the Raney Township area and the Swayze Belt, typically consist of quartz-carbonate veins with associated gold mineralization, sulphides and carbonate mineralization controlled by zones of shearing and fracturing. The sulphides consist mainly of pyrite, and any or all of pyrrhotite, chalcopyrite, galena, and sphalerite (Fekete and Simper, 2008). As well, within the Swayze Belt there is a strong correlation with felsic porphyry intrusions and gold mineralization.

Regional Geology:

The Raney Township Gold Property is located within the northwestern part of the Swayze Greenstone Belt, which in turn is at the western most part of the Abitibi Sub-Province of the Canadian Shield. The first geological reconnaissance of the area by the Ontario Department of Mines was completed by Furse (1932) in the Swayze area, and subsequently further geological mapping of the area was completed by Rickaby (1934) in 1932 and 1933 with special attention to the gold occurrences. Various studies of the Swayze Belt were carried out following this, but the next more detailed geological survey of the Raney Township area occurred in 1971 and 1972 by P. Thurston (Thurston et al., 1977) of the Ontario Geological Survey (OGS). At this time, mineral occurrences were also documented. In 1993, the Geological Survey of Canada (GSC) in conjunction with the OGS initiated a three-year project involving the compilation and analysis of a wide range of digital data over the Swayze greenstone belt using geographic information system (GIS) technology. The Northern Ontario Development Agreement (NODA) funded project involved the compilation and analysis of geoscience data and the production of digital datasets and hardcopy maps useful for regional mapping and exploration within Ontario. Data for the project

was provided by Falconbridge Ltd., Noranda Inc., the OGS, and the GSC. As part of this project, Fumerton and Houle (1995) compiled information on the many occurrences of the Swayze Belt in detail in 1991 to 1993, and this data was also released as a MDI file (Fumerton et al., 1996). Heather (1993, 1999) reported on the geology of the Swayze Belt, and produced eight 1: 50,000 scale maps over several townships in the Swayze Belt, although none were over Raney Township. A more regional compilation geological map of the Swayze Belt which includes Raney Township was produced by Ayer and Trowell (2002).

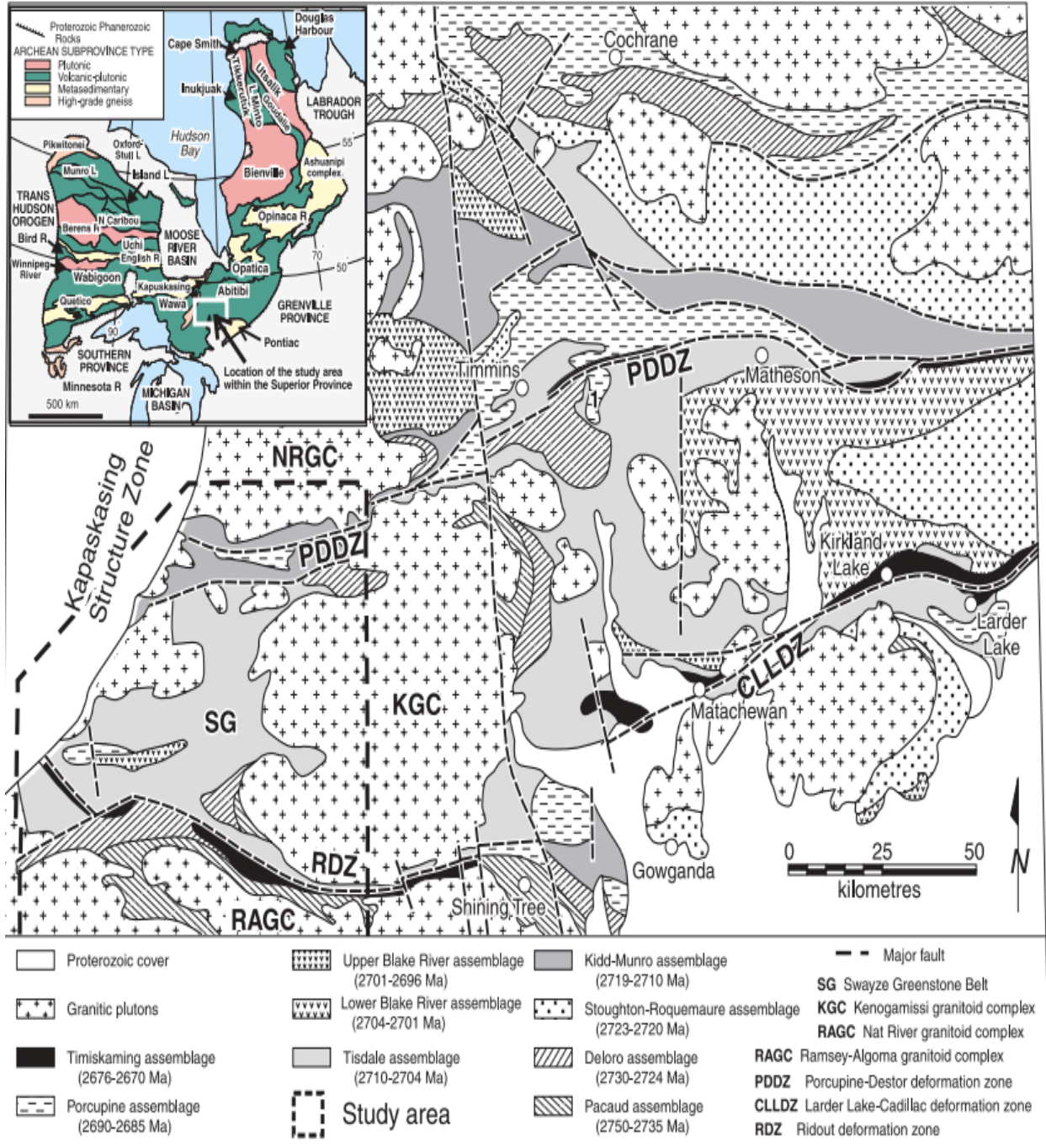


Figure 2: Regional Geological Sketch of the Abitibi Greenstone Belt showing the connection to the Swayze Greenstone Belt (SG) and the similar assemblages - from Van Breeman et al., 2006.

In 1981 and 1982, the OGS completed a Questor Airborne Electromagnetic and Total Intensity Magnetic Survey over the Swayze Area. No significant E.M. anomalies were identified over the Property (OGS, 1982). In 2003, the OGS released a geophysical dataset which involved the recompilation and reprocessing of previous surveys over the Swayze Belt, including data

provided by mining companies (OGS, 2003). This was part of the Swayze Belt NODA project, mentioned previously, and resulted in greater detailed airborne magnetics and Electromagnetic data; no significant EM anomalies were noted in the area of interest.

In 1993-94 the OGS conducted a Quaternary geological study over the Swayze belt area, including surficial sediment sampling and analyses of gold grains and other heavy metal components. The survey outlined a number of clusters of sediments anomalous in gold; the immediate area was not identified as prospective, although the area was anomalous in heavy mineral abundances which are an effect of the Kapuskasing structural zone (Bernier, 1994).

The Swayze greenstone belt (SGB) is located within the western Abitibi Sub-province of the Superior province, a Neo-Archean granitoid-greenstone terrane that developed between 2.8 Ga and 2.6 Ga. (Jackson and Fyon, 1991). It is bounded to the west by the Kapuskasing structural zone, to the east by the Kenogamissi batholith and to the north and south by several granitoid complexes. The SGB is connected to the Abitibi greenstone belt by a narrow band of metavolcanic-metasedimentary rocks which wrap around the north and south margins of the Kenogamissi Batholith. Although largely separated from the Abitibi greenstone belt by the Kenogamissi Batholith, the two greenstone belts are considered roughly equivalent in age. Recent mapping and geochronological evidence indicate the Swayze Greenstone Belt contains many of the structures and stratigraphic ages typical of the Abitibi belt in the Timmins-Kirkland Lake area. The Swayze Greenstone Belt is now interpreted to represent a deeper, erosional level of a once continuous Abitibi greenstone belt (Heather et al., 1995), shown in Figure 2. It is described as an arc-like volcano-sedimentary greenstone belt that is convex to the west. The SGB consists of a wide variety of metavolcanic, metasedimentary, and metaplutonic rock types.

Thurston et al. (1977) describes the Swayze Belt as an east-trending belt of metavolcanics and metasediments 26 km (16 miles) wide at the eastern edge of the property area. It extends westward from the eastern boundary of the region miles 74 km to the Mountbatten-Crockett Townships area, where it is terminated by a north-trending fault zone. The complex consists, from the margins inwards, of mafic metavolcanics succeeded by metasediments termed the Ridout Series by Rickaby (1934, p.7), up to 7.2 km wide. Scattered along the length of the complex are several centers of active felsic volcanism of Early Precambrian and related shallow-water shelf

and continental-rise volcanogenic sedimentation, i.e. the Benton-Marion Townships center, the Denyes-Swayze Townships center, and the Raney Township center.

The Abitibi Greenstone Belt contains the Porcupine Gold Camp, the Kirkland Lake - Larder Lake mining camps, as well as the Val d'Or mining camp (in Quebec), and they are three of the most prolific lode gold producing camps in the world that have historically produced over 100 million ounces of gold. The Swayze Greenstone Belt, which is the western and deeper part of the Abitibi, has a high potential for mesothermal gold as indicated by the number of significant gold occurrences. The regional geology of the Swayze Belt, and the locations of the Jerome Mine, several developed prospects, and the numerous gold occurrences in the belt (documented by the OGS).

Economic Geology:

The Raney Project does not host concentrations of minerals which could be classified within the resource or reserve categories. Limited geological mapping, geophysical surveys and brief diamond drill programs encompass much of the past work. The nature of such previous exploration work is classified as grass roots type exploration work. Below are outlined several projects within the region: include an operating mine, advanced project status, and historical resources.

- Borden Lake Gold Mine(Newmont), is approximately 35 km west of the Raney project, with reserves reported of 4.17 Mt @ 6.38 g/t Au (2015).
- IAMGOLD Cote Project is located 75 km southeast of the Raney Project, and a measured and indicated resource of 355 MT @0.87 g/t Au.
- Rundle Deposit is situated approximately 35 km east of Raney Project. Novamin Resources reported an all-inclusive reserve (1988, non-compliant) of 534,820 t @ 6.53 g/t Au.

Property History:

Earliest exploration in the Raney Township area is known from 1932 onwards. Exploration work has been conducted since this time in at least five previous exploration campaigns by

companies and prospectors. The property is part of the Swayze area, which is one of Ontario's historic gold areas and has seen prospecting activities for a variety of metals. There are several recent discoveries of gold mineralization within the belt, supporting the potential of the Swayze belt mineral endowment typical of the Abitibi Orogenic Belt. The only documented past producing gold mine in the Swayze greenstone belt is the Jerome Mine, located southeast of the Property in Osway Township. There are numerous occurrences close to the property that are undeveloped prospects, with no known reserves.

The only known gold occurrence on the Raney Gold Property is the Raney Occurrence. The history of past exploration activities on the Property is described below.

The earliest documented exploration on the Property was by the Raney Lake Prospecting Syndicate in 1932. A group of 35 claims northeast of Raney Lake was staked, prospected and explored by selective trenching and sampling. Two high-grade (1 oz./ton) gold-bearing quartz veins were discovered and exposed during this program. The first quartz vein, the "No. 1 showing" was striking easterly and dipping steeply north and was traced for 100 feet with a maximum width of 2 feet. Host rocks were indicated as arkose and/or impure quartzite. The vein contained minor pyrite, carbonate, and native gold was noted in one spot. A second quartz vein, the "No. 2 showing", was exposed 500 feet southwest of the No. 1 showing. It strikes N60E, was exposed continuously for 100 feet, and averaged 6 inches in width. Host rocks were feldspar porphyry which contained trace pyrite, chalcopyrite, and galena. Native gold was observed in one place. These two veins were originally referred to as the "Thorne-Greaves gold showing" (Furse, 1932).

In 1972, J-Dex Exploration Limited staked 4 claims containing the two gold-bearing veins. Most of the property they worked is south of the present Raney Property, near the north shore of Denyes Lake. The claims lapsed but were later staked in 1978 by D.O. Baker. One Winkie drill hole, with a length of 66 m (218 feet), was drilled in the vicinity of the No. 1 showing (Baker, 1979). The location of this hole is uncertain, and assay results are not available.

J-Dex Mining and Exploration acquired claims over the gold showings in 1978, and performed geophysics consisting of a magnetometer and VLF-EM survey. This was followed up with geological mapping and sampling (Caira and Coster, 1984). Assays up to 34.0 g/t Au were

reported from the surface sampling. In 1984 a limited Winkie drilling program was completed, totaling 11 drill holes for 615 m (2,017 feet). Seven holes were positioned at three collar locations to test the No. 1 gold showing. These holes generally cut the vein zone at very shallow depths. Intersections included 4.79 m of 2.16 g/t Au and 2.36 m of 1.21 g/t Au. Four holes were positioned at a single collar location to investigate VLF-EM anomalies located to the northwest of the vein (Caira, 1984). The No. 2 gold showing was not tested during this program.

In 1986 J-Dex Mining and Exploration formed a joint venture with Goldrock Resources and Glen Auden Resources, and they extended the original J-DEX claims to a 72 claim property. Induced Polarization, magnetic, VLF-EM and lithochemical surveys were completed over 15 km of grid covering a portion of the present property (Hodges, 1986). The surveying did not include the swampy area immediately to the east of the No 1 showing.

In 1988 a drilling program was performed to test the IP anomalies, as well as some magnetic anomalies and structures associated with the No. 2 gold showing. A total of thirteen Winkie holes were completed, totaling 375.82 m (1233 feet). Many of the planned targets were never intersected and thus untested. Assay values were not submitted for the drill core samples. The No. 1 gold showing was not tested in this program (MPH Consulting, 1993).

In 1991 Joe-Anne Salo staked several claims which form part of the current property. She and her partners, Larry Salo and William Brereton, cleaned out the old trenches over the No. 1 and No. 2 showings, performed sampling of these showings, and completed geological mapping (Salo, 1992). Assays were not reported.

In 1993 Cree Lake Resources Corp. optioned the property and carried out a program of geological mapping, rock sampling and till sampling over a larger group of claims which included most of the present-day property. Rock sampling confirmed previously indicated values. A soil geochemistry survey outlined a broad zone of weakly anomalous gold-in-soils over the No. 2 gold showing (see Figure 9-2). The soil program did indicate the No. 2 gold showing had the possibility of some strike extension. The geochemical anomaly over this showing is coincident with IP chargeability anomalies defined during previous exploration and is largely untested (MPH Consulting, 1993; see Figure 9-2). A compilation program by Cree Lake Resources interpreted a gold-bearing alteration envelope surrounding the No. 1 auriferous quartz vein and suggested the

vein zone was increasing in intensity and potential to the east. Recommendations for a drilling program to test both gold showings were made, however the company did not have the funds to implement the program and no further work was recorded by Cree Lake Resources. In 1993, Induced Polarization surveys were reported to have been completed over portions of the current property, the data has not been found in the assessment files. The survey work is indicated on a compilation map. In 1999 Joe-Anne Salo and William Brereton completed one drill hole on the property; this program was funded by Ontario Prospectors Assistance Program (OPAP). A total of 251 m (823 ft) was drilled on the projected east extension of the historic No. 1 gold showing. Two zones of irregular quartz-carbonate flooding, patches and veinlets with minor disseminated pyrite were intersected from 127 to 134 m and 148 to 159.5 m. The upper zone returned assay results of 2.50 g/t Au over 1.0 m, while the lower zone assayed 3.37 g/t Au over 6.8 m (Brereton, W., 1999). During this same period of work limited stripping work was carried out over the No. 2 showing. A strong, wide (100 m) shear zone was mapped with white weathered feldspar porphyritic rocks. Systematic sampling was not carried out at this time, further drilling was recommended.

In 2005 Wallbridge Mining Company Ltd. evaluated the property, they compiled previous work and re-logged and sampled the 1999 drill hole. The best assay returned from this sampling was 3.85 g/t Au over 5.9 m within the lower gold zone or No. 2 showing (Oosterman, 2005).

Hinterland Metals Inc. optioned the property in 2007, and from the end of 2007 to mid-2008 completed four drill holes totaling 758 m (Fekete and Simper, 2008). Three of the drill holes tested the No.1 showing, and one of these, RAN07-02, was lost at 99.1 m. The other two drill holes were successful in intercepting two mineralized gold zones over the Main showing. The best results were 2.76 g/t Au and 0.51 g/t Ag over 15.5 m in hole RAN08-04 from the lower zone and 1.62 g/t Au and 0.27 g/t Ag over 1.5 m in hole RAN08-03 from the upper zone. The fourth drill hole tested the No. 2 showing and did not intercept any mineralization. The drill core is still available, and some of it was re-sampled by MPH Ventures Inc. in 2009. The report of work is documented by Fekete and Simper (2008) and a review of this document indicates that industry best practices of standards were employed during the program. No further work was carried out by this company; recommendations included magnetometer and IP surveys, sampling, followed by 6000 m of drilling.

MPH Ventures Corp. conducted trenching and sampling, Induced Polarization (IP) surveys, followed by drilling over the Raney Township Gold Property during 2009 and 2010.

Diamond Drill Program

Overview:

The diamond drill program was completed between September 12, 2020, and November 30, 2020. The drill program consisted of eleven NQ sized drill holes for a total of 2,965 metres (see Table 1). The purpose of the drill program was to evaluate an historical gold showing and test several geophysical anomalies. The work was performed by Missinaibi Drilling Services Inc. of South Porcupine Ontario, under the supervision of Todd Keast, P. Geo, of Sudbury, Ontario. A Garmin handheld non differential GPS units were used to spot all drill holes in the Universal Transverse Mercator (UTM) in zone 17U, NAD83. The drill sites were cleaned of garbage/debris and holes were capped, throughout the program upon completion of each hole.

The work was approved under the Ministry of Energy, Northern Development and Mines (ENDM) Permit: PR-20-000192 effective from 2020/08/18 to 2023/08/17 for the following activities: (Geophysical Survey Requiring Generator Type, Line Cutting (<1.5m width), Mechanized Drilling (Assembled Weight >150kg), Trails (TS)).

Core logging and splitting was completed at core logging facility in Foleyet. Todd Keast P.Geo., completed the core logging, Riley Keast completed the core splitting. Split core for analysis were delivered to the ALS facility in Timmins. All drill core from this program was subsequently moved to a location in Shining Tree (Larry Salo facility), to be stored with the previous project drill core.

Historical Drilling: Several phases of historical drilling have been completed on the Raney Gold Project. The details of the previous diamond drilling and current program are included in the following Table 1.

Table 1: Diamond drill hole table (DDH) indicating the location of each drill collar in Universal Transverse Mercator (UTM) co-ordinates (NAD83 UTM Zone 17), elevation, azimuth, dip, and hole length.

Drill Hole	Company	Year	UTM East	UTM North	Elevation (m)	Azimuth	Dip	Length (m)
84-15WA	JDEX	1984	365735	5303695	397	210	-45	64.9
84-15WB	JDEX	1984	365735	5303695	397	210	-70	60.1
84-15EA	JDEX	1984	365760	5303687	397	210	-45	74.7
84-15EB	JDEX	1984	365760	5303687	397	210	-67	65.8
84-30EA	JDEX	1984	365771	5303676	397	210	-45	56.7
84-30EB	JDEX	1984	365771	5303676	397	210	-65	60.7
84-30EC	JDEX	1984	365771	5303676	397	190	-65	55.2
84-450NA	JDEX	1984	365541	5303833	397	215	-40	56.4
84-450NB	JDEX	1984	365541	5303833	397	215	-65	49.5
84-450NC	JDEX	1984	365541	5303833	397	35	-65	37.5
84-450ND	JDEX	1984	365541	5303833	397	35	-50	33.6
R88-1	Goldrock	1988	365435	5303221	397	180	-50	41.8
R88-2	Goldrock	1988	365684	5302199	397	180	-50	32.0
R88-3A	Goldrock	1988	365686	5303450	397	180	-50	19.8
R88-3B	Goldrock	1988	365686	5303450	397	180	-60	21.3
R88-3C	Goldrock	1988	365685	5303435	397	180	-50	47.2
R88-4	Goldrock	1988	365685	5303538	397	180	-50	33.5
R88-5	Goldrock	1988	365619	5303535	397	180	-50	27.4
R88-6A	Goldrock	1988	365580	5303557	397	180	-50	34.4
R88-6B	Goldrock	1988	365580	5303557	397	180	-60	12.7
R88-7	Goldrock	1988	365516	5303580	397	180	-50	41.1
R88-8	Goldrock	1988	365538	5303531	397	180	-50	31.4
R88-9A	Goldrock	1988	365537	5303504	397	180	-50	20.7
R88-9B	Goldrock	1988	365537	5303519	397	180	-50	15.2
99-01	W. Brereton	1999	365811	5303747	387	180	-60	251.0
RAN-07-02	Hinterland	2007	365810	5303744	387	180	-75	99.1
RAN-08-03	Hinterland	2008	365813	5303747	387	180	-75	251.0
RAN-08-04	Hinterland	2008	365765	5303745	386	180	-50	208.0
RAN-08-05	Hinterland	2008	365502	5303602	394	180	-50	165.0
R-09-06	MPH	2009	365834	5303734	385	180	-50	155.0
R-09-07	MPH	2009	365737	5303752	389	180	-50	152.0
R-09-08	MPH	2009	365795	5303732	393	180	-50	151.3
R-09-09	MPH	2009	365762	5303693	394	180	-50	125.0
R-09-10	MPH	2009	365812	5303692	382	180	-50	122.0
R-09-11	MPH	2009	365813	5303731	382	205	-60	212.0
R-09-12	MPH	2009	365795	5303732	382	205	-60	200.0
R-09-13	MPH	2009	365818	5303747	382	205	-65	189.0
R-09-14	MPH	2009	365747	5303778	382	205	-65	200.0
R-10-01	MPH	2010	365596	5303953	380	205	-50	149.0
R-10-02	MPH	2010	366115	5303678	382	205	-50	100.0
R-10-03	MPH	2010	365775	5303489	382	205	-50	137.0
R-10-04	MPH	2010	365596	5302953	382	205	-50	110.0
R-10-05	MPH	2010	365729	5303775	382	205	-50	149.0

RN-20-01	Rockridge	2020	365715	5303608	391	25	-45	178.5
RN-20-02	Rockridge	2020	365715	5303608	391	25	-65	276.0
RN-20-03	Rockridge	2020	365789	5303516	391	25	-45	291.0
RN-20-04	Rockridge	2020	365753	5303549	391	25	-45	306.0
RN-20-05	Rockridge	2020	365753	5303549	391	25	-58	319.5
RN-20-06	Rockridge	2020	365673	5303615	391	25	-45	175.5
RN-20-07	Rockridge	2020	365731	5303580	391	30	-45	237.0
RN-20-08	Rockridge	2020	365698	5303656	391	25	-45	112.5
RN-20-09	Rockridge	2020	365622	5303667	397	25	-45	174.0
RN-20-10	Rockridge	2020	365644	5303587	397	25	-45	210.0
RN-20-11	Rockridge	2020	365633	5303579	397	25	-60	273.0
RN-20-12	Rockridge	2020	365633	5303579	397	25	-52	240.0
RN-20-13	Rockridge	2020	365691	5303550	397	25	-47	225.0
RN-20-14	Rockridge	2020	365691	5303550	397	25	-67	336.0
RN-20-15	Rockridge	2020	365858	5303482	397	25	-60	330.0
RN-20-16	Rockridge	2020	365850	5303500	405	30	-60	481.0
RN-20-17	Rockridge	2020	365568	5303675	387	180	-45	102.0
RN-20-18	Rockridge	2020	365400	5303675	382	0	-45	102.0
RN-20-19	Rockridge	2020	364844	5303882	382	55	-45	276.0
RN-20-20	Rockridge	2020	364844	5303883	383	245	-45	240.0

2020 Drill Program Procedures:

Core Processing: Drill core was delivered from the drill to the core logging facility in Foleyet. Core was rolled within the core boxes to provide a consistent view/cutting orientation with respect to the preferential fabric, and with respect to oriented core line. This early step provides a consistent orientation of the core for the viewing/photographing and eventual sampling. Core was measured from block to block with wax crayon marks placed at every half metre interval. Core measuring and marking is done to ensure accurate depth of drill hole and to provide an accurate framework for the subsequent collection of the various data elements of core logging. Drill logs (see Appendix B for logs) were compiled by recording metrics such as: lithological units, mineralization, structure, magnetic susceptibility, specific gravity, rock quality designation, reflex tests, and sample descriptions of core chosen for assay. A complete photo record of the drill core (dry & wet) was also collected. Data collection procedures for each metric within the core logs are outlined below.

Lithologies: Rock lithologies with an abbreviation code and brief description were recorded during the core logging. The lithologies are based on visual characteristics and features observed in the drill core. In some instance the rock units are supported by the magnetic susceptibility results and/or specific gravity results characteristic of the individual unit.

Lithologies are recorded in the drill log spreadsheet (see App. B). Lithologies are best effort field names and not based on major element analysis of the units.

Downhole Survey: Downhole Reflex surveys were taken at approximately 50 m intervals. The density of readings was deemed to be sufficient given the minor drill hole deviation. Downhole survey results are recorded in the drill log spreadsheets (see App. B).

Magnetic Susceptibility: Magnetic Susceptibility readings were collected at random depths along the length of the drill hole. The purpose of the measurements was to identify a possible magnetic signature for each geological unit. Magnetic susceptibility standards were incorporated in the data collection to ensure the reliability of the measurements. Magnetic Susceptibility results are recorded in the drill log spreadsheets (see App. B).

Specific Gravity: Specific Gravity measurements were completed on select pieces of drill core to represent the principle lithologies. The purpose of the measurements was to provide a Specific Gravity signature for the different lithologies. Specific Gravity standards were incorporated in the data collection to ensure reliability of the measurements. Weight standards were incorporated in the procedure to ensure that the scale was accurate throughout the data collection. Specific Gravity results are recorded in the drill log spreadsheets (see App. B).

Oriented Core Measurements: Reflex Act II core orientation equipment was used to obtain a bottom line on the drill core and allow oriented core measurements to be collected. Measurements collected included contacts, quartz veins, foliations.

Core Angles: Foliation measurements, contacts, and fault orientations were recorded as part of the logging process and recorded in the drill log spreadsheets (see App. B).

Rock Quality Designation: Rock Quality Designation (RQD) estimates and the core recovery estimate were completed. RQD and core recovery results are recorded in the drill log spreadsheets (see App. B).

Sample Intervals: Core samples selected for analysis were marked with wax crayon indicating the start and end of each sample interval. The sample depths, lengths and intervals were recorded in sample ticket books with each sample assigned a unique sequential sample number.

One portion of the sample ticket with the unique sample number was stapled in the core box at the start of the sample. Sampling information is recorded in the drill log spreadsheets (see App. B).

Core Photographs: All drill core was photographed. Core was photographed dry and wet. Drill core photos are not submitted with the assessment report but are retained by the company as part of the record of diamond drilling.

Assays: Assay results are included for select elements of interest on the Sample Tab of the drill log. Complete assays are available in the drill logs found in Appendix B, and are also found in the assay certificates within Appendix C.

Sample Collection and Assay:

Samples sent for assay were collected by splitting the drill core along the core axis using a hydraulic core splitter. One half of the core was then returned to the core box, while the other was allocated to a labelled sample bag, specific to that sample interval. Sample intervals, ranging from 0.5 – 1.5 meters, were chosen in areas of interest and were selected to best separate contrasting sulfide contents or lithological contacts. Once a sample interval was split, an assay tag was added to the sample bag for that interval, and the sample bag was then sealed. Assay tags were also stapled into core boxes at the beginning of each sample interval. Sample bags were then sealed in rice bags for shipment to the ALS laboratory in Timmins, Ontario. All samples were prepared following ALS PREP-31 protocol and Au AA-23 analysis.

Quality Assurance and Quality Control:

Assay QAQC: Standardized and blank samples were included among core samples to assess the accuracy of the assay lab (in addition to the lab's own standards). One of each, a standard and a blank, were included for every 15-20 half-core samples. Three sets of standard materials (OREAS 219, OREAS 223, OREAS 228 and OREAS 228b) were purchased from Ore Research and Exploration which contained known concentrations of gold, (see App. A: Tab. 1 & 2 & 3 for the mineral contents of OREAS 219,223,228, respectively). The lab was considered to have failed a standard if the reported mineral concentration was three standard deviations (indicated by the standard provider) less than, or greater, than the certified value. Blank materials

consisted of quartz landscaping stones purchased from a local hardware store. The lab was considered to have failed a blank if the reported mineral content was several times greater than the lower limit of detection (LLOD).

Results for OREAS 219 were all within the second standard deviation with no failures. Assay results from OREAS 223 were all within the second standard deviation, with no failures. Assay results from OREAS 228 were all within the second standard deviation, with no failures. Assay results from the blanks were all within the third standard deviation. During the course of the sampling program the material used for blanks ran out and could not be replaced in short time frame. Alternate blank material did not perform well in the lab and the blank samples for RN-20-17 through RN-20-20 were not used. This is not considered a problem for the quality of the assay database. The results from the QAQC program suggests no issues with the assay results.

Magnetic Susceptibility QAQC: Magnetic susceptibility (MS) readings were recorded using a Terraplus KT-5 Magnetic Susceptibility Meter. To ensure the precision and accuracy of the MS data throughout the program, readings were taken every 10-20 sample readings from one of four MS in-house created standards (MS-1, MS-2, MS-3, MS-4). The performance of the MS standards supports a high level of confidence and reliability in the magnetic susceptibility data.

Specific Gravity QAQC: Specific gravity (SG) was determined using an Ohaus Scout SJX 1502N/E Balance to measure the dry and wet weight of core samples (taking duplicate measures of both). SG was then calculated as the dry weight over the difference between the dry and wet weighs. To ensure the precision and accuracy of the SG measurements throughout the program readings were taken from one of four SG standards (SG-1, SG-2, SG-3, SG-4) The accepted specific gravity measurements for SG standards were determined by ALS.

The scale used to collect the SG weights was periodically checked during the program with a specified known set of weights. The scale provided consistent accurate results throughout the program. The performance of the SG standards supports a high level of confidence and reliability in the specific gravity data.

Drill Site Documentation:

Drill sites were initially visited to spot the collar picket for the position of the drill hole. The site was revisited once the drilling equipment had been moved to the next drill location. A run of drill collar casing was left in place for each hole, and these casings were sealed and labelled with a metal cap. Drill collars were once more surveyed with a handheld GPS unit. Photographs of all drill sites were taken. Any debris was collected and removed from the drill site.

Results of the 2020 Drill Program:

Major Lithological Units – The major units used in the core logging were determined from visual features recognizable in the core, and the experience of the geologist having worked on similar projects. In some cases, the magnetic susceptibility measurements and/or specific gravity measurements provide support for the division of units. Lithology names are intended as “Field Use” best effort rock names, not based on chemical analysis of the individual units. A summary breakdown of the units is included in Table 2

Table 2: Lithology codes from the 2020 Raney Drill Program

Unit	Lith Code	Total Meters
Casing	CAS	177.5
Alteration/Qtz Veins	ALTZN	364.4
Intermediate Volcanic/Argillite fine beds	IVOLCarg	554.3
Feldspar Porphyry	FP	82.0
Quartz Porphyry	QP	27.4
Intermediate flows with Amygdules	IVOLCamyg	1.5
Intermediate Volcanic	IVOLC	250.6
Intermediate Volcanic Lapilli Tuff	IVOLClaptuf	931.3
Intermediate Volcanic with Black angular clasts	IVOLCtufblk	105.8
Mafic Dike	MD	11.7
Mafic Volcanics	MV	457.5
		2965

A brief description of the major individual major rock units from the 2020 drill program follows.

Intermediate Volcanic Tuff (IVOLCtuf; see Fig. 3) – Distinct light grey unit with widely spaced angular to subrounded clasts up to several cm. Unit is not sorted nor bedded. Magnetic Susceptibility is very low, 0.15 with very little variation. Specific Gravity of this unit is 2.72 with minor variation.



Figure 3: Intermediate Volcanic Tuff (IVOLCtuf) RN-20-01, approximately 93 m downhole. Distinct angular and subrounded clasts up to several cm.

Alteration Zone (ALTZN; see Fig. 4) – The Alteration Zone is lighter grey unit with distinct presence 3-25% quartz veins. Veins are generally 1-5 cm in width. The wall rock to the veins is not strongly foliated or strongly altered. Veins may contain tr-2% pyrite. Magnetic Susceptibility is very low 0.11, and the Specific Gravity is 2.71.



Figure 4: Alteration Zone (ALTZN) from RN-20-03, approximately 240 m downhole.

Intermediate Volcanic / Argillite (IVOLCarg; see Fig. 5) – Intermediate Volcanic/argillite is gradational change from the IVOLCtuf. The unit is characterised by faint, yet distinct bands/beds of fine-grained material interpreted to represent fine tuffs. Magnetic susceptibility is low at 0.15 and the specific gravity averages 2.73.



Figure 5: Intermediate Volcanic / Argillite (IVOLCarg) from RN-20-07, approximately 170m downhole.

Intermediate Flows with Amygdules (IVOLCamyg; see Fig. 6) – Intermediate flows with Amygdules is a light green to dark green with distinct amygdules. Flow breccia textures and sharp contacts are common. MS for the unit averaged 0.29 and the SG for the unit averages 2.75.



Figure 6: Intermediate flow with Amygdules (IVOLCamyg) from RN-20-02, approximately 249.0 m downhole.

Argillite Black with Laminations (ARGblk; see Fig. 7) – Argillite black with fine laminations is a sedimentary unit with distinct fine bedding laminations. The MS of the unit averages 0.30 and the SG of the unit averaged 2.8. The unit is very rarely slight sooty, and non-conductive.



Figure 7: Argillite Black with laminations (ARGblk) from RN-20-05-03, approximately 215 m downhole.

Mineralization: Sulphide mineralization is observed in very trace amounts throughout the sequence. Local concentrations of coarse pyrite in cubes up to 5mm was observed. Within the

Alteration zone the pyrite content is low at tr-5% consisting of fine disseminations. Coarse visible gold was identified in RN-20-06 between 130.5 and 131.0 m.

Description of Individual drill holes:

RN-20-10 – Drilled to evaluate the continuity of mineralization intersected from hole RN-20-06 (27.9 g.t Au over 6.0m) The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff and two separate Alteration zones. One interval assayed 1.4 g/t Au over 3.5 m and the second interval assayed 0.40 g.t Au over 3.8 m. Assay results are included in the drill logs found within Appendix B.

RN-20-11 – Drilled to evaluate the continuity of mineralization intersected from hole RN-20-06 (27.9 g.t Au over 6.0m). The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, intermediate Volcanic Amygdules and three separate Alteration Zones. One interval assayed 2.2 g/t Au over 5.7m and a separate interval assayed 2.7 g/t Au over 0.8 m. Assay results are included in the drill logs found within Appendix B.

RN-20-12 – Drilled to evaluate the continuity of mineralization intersected from hole RN-20-06 (27.9 g.t Au over 6.0m). The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, intermediate Volcanic Amygdules and multiple Alteration Zones. One interval assayed 1.4 g/t Au 6.5 m, a second interval assayed 0.49 g/t Au over 5.0 m and a third interval assayed 1.3 g/t Au over 4.0 m. Assay results are included in the drill logs found within Appendix B.

RN-20-13 – Drilled to test the continuity of the mineralization at depth. The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, and several Alteration Zones. One interval assayed 2.5 g/t Au over 13.0 m, and a second interval assayed 0.23 g/t Au over 2.0 m . The drill logs found within Appendix B.

RN-20-14 – Drilled to test the continuity of the mineralization at depth. The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, and Alteration Zone, and Argillite Black. One interval assayed 1.9 g/t Au over 2.0 m.

RN-20-15 – Drilled to test eastern extension of the structural corridor based on the continuity of the mag low from Drone Survey. The drill hole encountered Feldspar Porphyry, Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, intermediate Volcanic Amygdules and Alteration Zone, and Argillite Black, and multiple intervals of Sericite and chlorite alteration zones. Despite the presence of alteration and quartz veining, assay results were very low, with one interval assayed 0.2 g/t Au over 2.0 m.

RN-20-16 – Drilled to test an underexplored quartz feldspar porphyry positioned south of the structural corridor, and to test the Raney zone at depth. The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, Feldspar Porphyry and several Alteration Zones. Despite intersecting considerable alteration strain within the volcanics and the feldspar porphyry, assay results included one narrow interval of 1.2 g/t Au over 2.0 m.

RN-20-17 – Drilled to test a historical high grade gold showing. The drill hole encountered Intermediate Volcanic Tuff, Feldspar Porphyry and several Alteration Zones. Assay results were low with one interval of 0.77 g/t Au over 1.0 m.

RN-20-18 – Drilled to test western extension of the structural corridor based on the continuity of the mag low from Drone Survey. The drill hole encountered Intermediate Volcanic Argillite, Intermediate Volcanic Tuff, Alteration Zone. A wide section of alteration correlates well with the location of the magnetic low and the projected extension of the structural corridor. One interval assayed 1.36 g/t Au over 9.0 m, and represents a priority exploration target.

RN-20-19 – Drilled to test a possible fold structure identified by the drone survey. The drill hole encountered Mafic Volcanics and Mafic Dike. The entire hole showed consistent low - intermediate magnetic susceptibility readings. Currently there is no explanation for the magnetic low fold structural feature. Assay results did not return any anomalous results.

RN-20-20 – Drilled to test a possible fold structure identified by the drone survey. The drill hole encountered Mafic Volcanics and Mafic Volcanic with black argillite. The entire hole showed consistent low - intermediate magnetic susceptibility readings. Currently there is no

explanation for the magnetic low fold structural feature. Assay results did not return any anomalous results.

Interpretation:

A drill plan and sections are included in Appendix E. The 2020 drill program supports and confirms the exploration potential of the Raney Project. The volcanic package is striking at Azimuth 115° with a vertical dip. The units do not correlate well on section or across section, despite having several distinct units. Folding has not been identified in the drill core and the strain in the rock is low with clasts angular and not significantly deformed. The lack of correlation of the units may be a result of original complexity of the volcanic pile. Gold mineralization is associated with sections of volcanics with an increase in narrow quartz veins. The rocks do not have a strong shear fabric. Carbonate alteration, common in many gold deposits is not widespread or intense on the Raney Gold showing. Oriented core measurements collected during the program suggest the veins are oriented approximately 20 degrees off from the fabric. The alteration zones do not show simple continuity on sections or between sections. A current working idea is that the veining is forming a series of en echelon panels contained within an approximately 100 m wide structural corridor as part of an SC fabric.

Drilling has expanded the extent of the structural corridor towards the east in RN-20-15 towards the west in holes and RN-20-18. The low magnetic response of the structural corridor correlated with drilling is an indication to the continuity of the structural corridor and represents future exploration targets.

Recommendations:

Additional exploration is recommended for the Raney Project. The northwest extension to the structural corridor as intersected in RN-20-18 is an immediate exploration target. Mineralization is very subtle and so far is not responsive Induced Polarization methods. An exploration budget proposal of \$376,880 is recommended to follow up on the exploration potential of the Raney Project (see Table 3 for a rough outline of expected costs).

Table 3: Budget outline for the Proposed 2020 exploration program on Rockridge Resources Raney Gold Project.

Expenditure	Details	Expenditure Estimate
Drilling	Mobe	\$ 4,000
	Demobe	\$ 4,000
	Drilling	\$ 200,000
	Labour cost (drillers)	\$ 20,000
	Excavator (setups trails)	\$ 7,500
	Core Boxes, Casings, Caps	\$ 7,500
	Reflex tests, Orented Core	\$ 10,000
		\$ 253,000
Facilities / Lodgings	Cabin	\$ 4,000
	Core Shack	\$ 5,000
		\$ 9,000
Personnel	Geologist	\$ 25,000
	Geotech	\$ 12,000
	Geotech	\$ 5,000
		\$ 42,000
Assays	ALS	\$ 20,000
		\$ 20,000
Transportation	Truck Rental	\$ 3,500
	Fuel	\$ 1,500
		\$ 5,000
Equipment Rental	Computer, camera, SG, MS	\$ 2,000
		\$ 2,000
Supplies	Sample bags, standards	\$ 3,000
	Groceries	\$ 2,500
		\$ 5,500
	Sub total	\$ 336,500
	10% Contingency	\$ 33,650
	First Nations 2%	\$ 6,730

**Total Budget
Estimate** **\$ 376,880**

Certificate of Qualified Personal

I, Todd Keast, am a professional geologist, residing at 78 Nova Drive, Sudbury, Ontario, P3E 0A6, and do hereby certify that:

I am the author of the report titled:

“Diamond Drilling Report for the Raney Property of Rockridge Resources Ltd, Raney Twp., Porcupine Mining Division, Ontario.”

- I am a Practising Member of the Association of Professional Geoscientists of Ontario (membership #911). I am a graduate of University of Manitoba, 1987 with a B.Sc. Honours Geology degree.
- I have practised my profession in mineral exploration continuously since graduation. I have over thirty three years of experience in mineral exploration.

Dated this 5th day of May, 2021.

Todd Keast, P.Geol.

“Original Document signed and sealed by Todd Keast, P.Geol.” Todd Keast, P.Geol.

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Appendix B: Drill Logs

Drillhole Summary

DDH ID	RN-20-10							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365644	5303587	397	25	-45	210.00
Purpose	Test down plunge continuity of intersection from RN-20-06							
Explanation	Narrow Intervals of low to medium grade							
Start date	September 12, 2020							
End date	September 17, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	21 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	September 17, 2020	Assays Added	23-Nov-20					
Comments	53 Samples							
Comments	45 boxes of core							

BHID	From	To	Litho	Comment
RN-20-10	0.0	21.0	CAS	CASING-Overburden
RN-20-10	21.0	28.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Fine grained lapilli/ash fragments distinct. Local massive texture.
RN-20-10	28.00	38.90	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds.
RN-20-10	38.90	44.50	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Generally massive with rare scattered lapilli clast.
RN-20-10	44.50	47.70	IVOLCarg	Intermediate Volcanic Argillite - Green fine grained with distinct banding bedding suggesting finer tuff material. Narrow local coarse lapilli tuff interbeds
RN-20-10	47.70	63.60	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff - Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds. Rare distinct black angular clast up to 3 cm.
RN-20-10	63.60	67.30	IVOLCarg	Intermediate Volcanic Argillite - Dark grey fine grained with distinct banding bedding suggesting finer tuff material. Narrow local coarse lapilli tuff interbeds. Sharp upper contact
RN-20-10	67.30	94.70	IVOLC	Intermediate Volcanics - Massive light green grey unit with rare scattered lapilli clast. Scattered narrow ash bands, narrow lapilli tuff bands.
RN-20-10	94.70	96.40	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds.
RN-20-10	96.40	99.00	ALTZN	Alteration Zone - Light green fine weakly foliated. 3-5 % qtz veins 1 cm wide 1% py,po
RN-20-10	99.00	126.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained well banded weakly foliated. Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds. 103.0-103.4 90% white qtz vein 80 deg to CA

115.0-117.0 1.3 m ground core.

RN-20-10	126.00	136.50	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds. Weakly altered with 1-3% qtz veins, slight green color weak foliation.
RN-20-10	136.50	145.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained well banded weakly foliated. Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds.
RN-20-10	145.00	149.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green, coarse grained with distinct 1 cm black argillite clasts. Distinct lapilli sized clasts with some massive finer argillite interbeds.
RN-20-10	149.00	157.00	ALTZN	Alteration Zone Weak - Slight increase in density of quartz veins. Wall rock is unaltered Lapilli tuff. 1-2% 1 cm wide quartz veins. 149.0-149.5 75% quartz veins 1% py. 154.4 - 155.7 75% qtz veins 3-5% py cubes
RN-20-10	157.00	160.50	ALTZN	Alteration Zone Strong - Light buff moderate foliated with local strong sericite. Overall 5-10% quartz veins. 1% py. 158.1-159.0 80% qtz vein 3-5% py.
RN-20-10	160.50	168.00	ALTZN	Alteration Zone Weak - Slight increase in density of quartz veins. Wall rock is unaltered Lapilli tuff. 1-3% qtz veins cross cutting. Patchy sericite
RN-20-10	168.00	170.50	ALTZNser	Alteration Zone Sericite Strong - Light buff moderate foliated with local strong sericite.
RN-20-10	170.50	176.70	ALTZN	Alteration Zone Strong - Light buff moderate foliated with local qtz veining 170.6 -175.0 1-3% qtz veins 175.0-176.7 90% quartz veins 1-3% py.
RN-20-10	176.70	182.00	ALTZN	Alteration Zone Weak - Slight increase in density of quartz veins. Wall rock is unaltered Lapilli tuff.

1-3% qtz veins cross cutting.

RN-20-10 182.00 210.00 IVOLCtuf

Intermediate Volcanic Fine Tuff- Light green, coarse grained with distinct 1 cm black argillite clasts.
Distinct lapilli sized clasts with some massive finer argillite interbeds.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Breccia
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite
ARGgrph	Argillite graphitic
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNflt	Weak alteration silicification brittle fault with qtz veins
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-10	0	25	25.0	-45.0			Y	Y	As spotted in field.
RN-20-10	30	34.1	26.1	-44.7			Y	Y	
RN-20-10	81.0	35.1	26.1	-42.8	55553		Y	Y	
RN-20-10	132.0	36.1	27.1	-40.8	55604		Y	Y	
RN-20-10	183.0	36.5	27.5	-38.5	55360		Y	Y	

BHID	Depth	MS	Lith
RN-20-10	MS-2	0.08	
RN-20-10	24.0	0.21	IVOLCtuf
RN-20-10	29.5	0.18	IVOLCtuf
RN-20-10	33.0	0.23	IVOLCtuf
RN-20-10	39.0	0.27	IVOLCtuf
RN-20-10	45.0	0.29	IVOLCarg
RN-20-10	52.0	0.23	IVOLCtuf
RN-20-10	59.0	0.18	IVOLCtuf
RN-20-10	63.0	0.20	IVOLCtuf
RN-20-10	66.5	0.40	IVOLCarg
RN-20-10	81.0	0.10	IVOLC
RN-20-10	MS-3	1.14	
RN-20-10	86.5	0.09	IVOLC
RN-20-10	95.0	0.14	IVOLCtuf
RN-20-10	96.7	0.24	ALTZN
RN-20-10	102.0	0.03	IVOLCtuf
RN-20-10	106.0	0.14	IVOLCtuf
RN-20-10	113.0	0.09	IVOLCtuf
RN-20-10	121.5	0.09	IVOLCtuf
RN-20-10	126.0	0.16	IVOLCtuf
RN-20-10	129.0	0.08	IVOLCtuf
RN-20-10	133.0	0.14	IVOLCtuf
RN-20-10	140.0	0.09	IVOLCtuf
RN-20-10	MS-1	69.30	
RN-20-10	147.5	0.13	IVOLCtuf
RN-20-10	152.0	0.10	ALTZN
RN-20-10	156.0	0.10	ALTZN
RN-20-10	158.5	0.02	ALTZN
RN-20-10	163.0	0.09	ALTZN
RN-20-10	168.5	0.07	ALTZN
RN-20-10	173.0	0.13	ALTZN
RN-20-10	177.0	0.02	ALTZN
RN-20-10	MS-2	0.05	
RN-20-10	183.0	0.17	IVOLCtuf
RN-20-10	190.0	0.15	IVOLCtuf
RN-20-10	199.0	0.13	IVOLCtuf
RN-20-10	204.0	0.10	IVOLCtuf

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG
RN-20-10	Sept 16	Weight	110.00	110.16	110.16	110.16			0.00	
RN-20-10	September 16, 2020	SG-4	Glass	273.69	273.68	273.69	163.76	163.81	163.79	2.49
RN-20-10	September 16, 2020	40.00	IVOLCtuf	387.63	397.61	392.62	256.28	256.26	256.27	2.88
RN-20-10	September 16, 2020	90.00	IVOLC	285.84	285.86	285.85	184.61	184.58	184.60	2.82
RN-20-10	September 17, 2020	170.00	ALTZNser	337.21	337.22	337.22	213.05	212.99	213.02	2.72
RN-20-10	September 17, 2020	194.50	IVOLCtuf	474.42	474.41	474.42	301.6	301.62	301.61	2.75

Mag Susc *Ohaus Scout SIX 1502N/E Balance*

Terraplus KT-5 Magnetic Susceptibility Meter

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD % Rank
RN-20-10	0.0	24.0	CAS				
RN-20-10	24.0	27.0	2.9	2.4			
RN-20-10	27.0	30.0	2.8	1.1			
RN-20-10	30.0	33.0	3.0	2.2			
RN-20-10	33.0	36.0	2.9	2.0			
RN-20-10	36.0	39.0	3.0	2.3			
RN-20-10	39.0	42.0	2.9	0.8			
RN-20-10	42.0	45.0	3.0	2.3			
RN-20-10	45.0	48.0	3.0	2.9			
RN-20-10	48.0	51.0	3.0	2.9			
RN-20-10	51.0	54.0	3.0	2.9			
RN-20-10	54.0	57.0	3.0	2.9			
RN-20-10	57.0	60.0	3.0	2.1			
RN-20-10	60.0	63.0	3.0	2.0			
RN-20-10	63.0	66.0	3.0	1.3			
RN-20-10	66.0	69.0	3.0	2.2			
RN-20-10	69.0	72.0	3.0	2.5			
RN-20-10	72.0	75.0	3.0	2.7			
RN-20-10	75.0	78.0	3.0	2.4			
RN-20-10	78.0	81.0	2.5	1.2			
RN-20-10	81.0	84.0	3.0	2.9			
RN-20-10	84.0	87.0	3.0	2.8			
RN-20-10	87.0	90.0	3.0	2.9			
RN-20-10	90.0	93.0	3.0	2.8			
RN-20-10	93.0	96.0	3.0	2.8			
RN-20-10	96.0	99.0	3.0	2.9			
RN-20-10	99.0	102.0	3.0	2.8			
RN-20-10	102.0	105.0	3.0	2.9			
RN-20-10	105.0	108.0	3.0	3.0			
RN-20-10	108.0	111.0	3.0	2.7			
RN-20-10	111.0	114.0	3.0	2.9			
RN-20-10	114.0	117.0	1.7	1.7			
RN-20-10	117.0	120.0	3.0	3.0			
RN-20-10	120.0	123.0	3.0	3.0			
RN-20-10	123.0	126.0	3.0	3.0			
RN-20-10	126.0	129.0	3.0	3.0			
RN-20-10	129.0	132.0	3.0	2.8			
RN-20-10	132.0	135.0	3.0	2.6			
RN-20-10	135.0	138.0	3.0	2.5			
RN-20-10	138.0	141.0	3.0	3.0			
RN-20-10	141.0	144.0	3.0	2.6			
RN-20-10	144.0	147.0	3.0	2.9			
RN-20-10	147.0	150.0	3.0	2.7			
RN-20-10	150.0	153.0	3.0	2.7			
RN-20-10	153.0	156.0	3.0	2.7			
RN-20-10	156.0	159.0	3.0	2.6			

RN-20-10	159.0	162.0	3.0	2.8
RN-20-10	162.0	165.0	3.0	2.6
RN-20-10	165.0	168.0	3.0	2.9
RN-20-10	168.0	171.0	3.0	2.9
RN-20-10	171.0	174.0	3.0	2.5
RN-20-10	174.0	177.0	3.0	2.6
RN-20-10	177.0	180.0	3.0	2.9
RN-20-10	180.0	183.0	3.0	3.0
RN-20-10	183.0	186.0	3.0	3.0
RN-20-10	186.0	189.0	3.0	2.9
RN-20-10	189.0	192.0	3.0	2.8
RN-20-10	192.0	195.0	3.0	2.9
RN-20-10	195.0	198.0	3.0	2.9
RN-20-10	198.0	201.0	3.0	2.9
RN-20-10	201.0	204.0	3.0	3.0
RN-20-10	204.0	207.0	3.0	3.0
RN-20-10	207.0	210.0	3.0	3.0

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Stand/blank	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 AU ppm
RN-20-10	B0157501	95.5	96.4	0.9		IVOLCtuf		1		B0157501	0.068
RN-20-10	B0157502	96.4	97.5	1.1		ALTZN		3		B0157502	0.2
RN-20-10	B0157503	97.5	98.5	1.0		ALTZN		5		B0157503	0.672
RN-20-10	B0157504	98.5	99.0	0.5		ALTZN		1		B0157504	0.028
RN-20-10	B0157505	99.0	100.0	1.0		IVOLCtuf		1		B0157505	0.007
RN-20-10	B0157506	103.0	103.5	0.5		IVOLCtuf		90		B0157506	0.515
RN-20-10	B0157507	126.0	127.0	1.0		IVOLCtuf		1		B0157507	0.037
RN-20-10	B0157508	127.0	128.0	1.0		IVOLCtuf		5		B0157508	0.018
RN-20-10	B0157509	128.0	129.0	1.0		IVOLCtuf		3		B0157509	0.085
RN-20-10	B0157510				Blank					B0157510	<0.005
RN-20-10	B0157511	129.0	130.0	1.0		IVOLCtuf		3		B0157511	0.067
RN-20-10	B0157512	130.0	131.0	1.0		IVOLCtuf		1		B0157512	0.402
RN-20-10	B0157513	131.0	132.0	1.0		IVOLCtuf		3		B0157513	<0.005
RN-20-10	B0157514	132.0	133.0	1.0		IVOLCtuf		1		B0157514	0.056
RN-20-10	B0157515	133.0	134.0	1.0		IVOLCtuf		10		B0157515	0.396
RN-20-10	B0157516	134.0	135.0	1.0		IVOLCtuf		1		B0157516	0.006
RN-20-10	B0157517	148.5	149.0	0.5		IVOLCtuf				B0157517	0.046
RN-20-10	B0157518	149.0	149.5	0.5		ALTZN				B0157518	3.76
RN-20-10	B0157519	149.5	151.0	1.5		ALTZN				B0157519	0.011
RN-20-10	B0157520	151.0	152.0	1.0		ALTZN				B0157520	<0.005
RN-20-10	B0157521				OREAS 219					B0157521	0.761
RN-20-10	B0157522	152.0	153.0	1.0		ALTZN				B0157522	0.034
RN-20-10	B0157523	153.0	154.0	1.0		ALTZN		3		B0157523	<0.005
RN-20-10	B0157524	154.0	155.0	1.0		ALTZN	1	15		B0157524	0.032
RN-20-10	B0157525	155.0	156.0	1.0		ALTZN	3	5		B0157525	0.019
RN-20-10	B0157526	156.0	157.0	1.0		ALTZN		1		B0157526	0.073
RN-20-10	B0157527	157.0	158.1	1.1		ALTZN				B0157527	0.624
RN-20-10	B0157528	158.1	159.0	0.9		ALTZN	5	90		B0157528	2.23
RN-20-10	B0157529	159.0	160.5	1.5		ALTZN		10		B0157529	1.405
RN-20-10	B0157530	160.5	161.5	1.0		ALTZN		3		B0157530	0.049
RN-20-10	B0157531	161.5	162.5	1.0		ALTZN		3		B0157531	0.109
RN-20-10	B0157532	162.5	163.5	1.0		ALTZN		1		B0157532	0.014

RN-20-10	B0157533	163.5	164.5	1.0		ALTZN		3		B0157533	0.016
RN-20-10	B0157534	164.5	165.5	1.0		ALTZN		1		B0157534	0.024
RN-20-10	B0157535	165.5	166.5	1.0		ALTZN		1		B0157535	0.015
RN-20-10	B0157536	166.5	168.0	1.5		ALTZN		3		B0157536	<0.005
RN-20-10	B0157537	168.0	169.0	1.0		ALTZNser		5		B0157537	0.196
RN-20-10	B0157538	169.0	170.0	1.0		ALTZNser		3		B0157538	0.401
RN-20-10	B0157539				Blank					B0157539	<0.005
RN-20-10	B0157540	170.0	171.0	1.0		ALTZNser		5		B0157540	0.018
RN-20-10	B0157541	171.0	172.0	1.0		ALTZNser				B0157541	<0.005
RN-20-10	B0157542				OREAS 223					B0157542	1.795
RN-20-10	B0157543	172.0	173.0	1.0		ALTZN				B0157543	0.017
RN-20-10	B0157544	173.0	174.0	1.0		ALTZN		5		B0157544	0.176
RN-20-10	B0157545	174.0	175.0	1.0		ALTZN		5		B0157545	0.255
RN-20-10	B0157546	175.0	175.8	0.8		ALTZN	5	80		B0157546	0.243
RN-20-10	B0157547	175.8	176.75	1.0		ALTZN		100		B0157547	0.887
RN-20-10	B0157548	176.8	178.0	1.3		ALTZN				B0157548	0.006
RN-20-10	B0157549	178.0	179.0	1.0		ALTZN		1		B0157549	<0.005
RN-20-10	B0157550	179.0	180.0	1.0		ALTZN		1		B0157550	<0.005
RN-20-10	B0157551	180.0	181.0	1.0		ALTZN		1		B0157551	0.01
RN-20-10	B0157552	181.0	182.0	1.0		ALTZN				B0157552	0.011
RN-20-10	B0157553	182.0	183.0	1.0		IVOLCtuf				B0157553	0.029

TM20210068 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 53

DATE RECEIVED : 2020-09-21 DATE FINALIZED : 2020-10-27

PROJECT : RANEY

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157501	0.068
B0157502	0.2
B0157503	0.672
B0157504	0.028
B0157505	0.007
B0157506	0.515
B0157507	0.037
B0157508	0.018
B0157509	0.085
B0157510	<0.005
B0157511	0.067
B0157512	0.402
B0157513	<0.005
B0157514	0.056
B0157515	0.396
B0157516	0.006
B0157517	0.046
B0157518	3.76
B0157519	0.011
B0157520	<0.005
B0157521	0.761
B0157522	0.034
B0157523	<0.005
B0157524	0.032
B0157525	0.019
B0157526	0.073
B0157527	0.624
B0157528	2.23
B0157529	1.405
B0157530	0.049
B0157531	0.109
B0157532	0.014
B0157533	0.016
B0157534	0.024
B0157535	0.015
B0157536	<0.005
B0157537	0.196

B0157538	0.401
B0157539	<0.005
B0157540	0.018
B0157541	<0.005
B0157542	1.795
B0157543	0.017
B0157544	0.176
B0157545	0.255
B0157546	0.243
B0157547	0.887
B0157548	0.006
B0157549	<0.005
B0157550	<0.005
B0157551	0.01
B0157552	0.011
B0157553	0.029

TM20210068 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 53

DATE RECEIVED : 2020-09-21 DATE FINALIZED : 2020-10-27

PROJECT : RANEY

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.751
PMP-18	0.311
G313-5	7.12
KIP-19	2.43
BLANK	<0.005
BLANK	<0.005

TM20210068 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 53

DATE RECEIVED : 2020-09-21 DATE FINALIZED : 2020-10-27

PROJECT : RANEY

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE

DESCRIPTION

B0157504

B0157504

B0157524

B0157524

Au-AA23

Au

ppm

0.028

0.014

0.032

<0.005

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83

Drillhole Summary

DDH ID	RN-20-11							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365633	5303579	397	25	-60	273.00
Purpose	Test down plunge continuity of intersection from RN-20-06							
Explanation	Several intervals of alteration							
Start date	September 17, 2020							
End date	September 20, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	9 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	September 21,2020	Assays Added	Nov 5, 2020					
Comments	49 Samples							
Comments	62 boxes of core							

BHID	From	To	Litho	Comment
RN-20-11	0.0	8.5	CAS	CASING-Overburden
RN-20-11	8.5	29.50	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Narrow 20cm wide intervals of fine lapilli tuff interbeds.
RN-20-11	29.50	36.00	ALTZN	Alteration Zone Weak - Light green to yellow sericite rich section. 1-3% 1 cm qtz veins crosscutting Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds.
RN-20-11	36.00	58.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Distinct scattered black fine argillite intervals 3-10 cm wide . Narrow intervals of fine lapilli tuff interbeds. 51.6-52.2 Black fine argillite bed 56.0-56.6 Black fine argillite bed. Not soft sooty not conductive.
RN-20-11	58.00	67.50	IVOLCarg	Alteration Zone Weak - Light green to yellow sericite rich section. 1-3% 1 cm qtz veins crosscutting Patchy dark grey siliceous/qtz veins, poorly formed. W-3% white qtz veins cross cutting 59.75-60.8 Strong sericite interval 66.5-67.5 Strong sericite interval
RN-20-11	67.50	75.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Distinct scattered black fine argillite intervals 3-10 cm wide .
RN-20-11	75.00	81.50	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff - Light grey with distinct Lapilli tuff sized clasts up to 6cm, angular. Clasts weakly foliated, non bedded. Clast felsic composition.
RN-20-11	81.50	90.10	IVOLCarg	Intermediate Volcanic Argillite - Grey to black fine grained with distinct well defined black argillite laminations and beds.
RN-20-11	90.10	101.60	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff - Light grey with distinct lap tuff sized clasts up to 6cm, angular. Clasts weakly foliated, non bedded. Clast felsic composition. Sharp upper contact.
RN-20-11	101.60	103.60	IVOLCarg	Intermediate Volcanic Argillite - Grey to black fine grained with distinct well defined black argillite laminations and beds.
RN-20-11	103.60	106.50	IVOLC	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct creamy white feldspar phenocrysts.

				Feldspar phenocrysts fractured ragged 1-8mm in size, not banded, not oriented.
RN-20-11	106.50	120.70	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Some massive finer argillite interbeds.
RN-20-11	120.70	139.00	IVOLC	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct creamy white feldspar phenocrysts. Feldspar phenocrysts fractured ragged 1-8mm in size, not banded, not oriented.
RN-20-11	139.00	153.80	IVOLC	Intermediate Volcanic Massive- Light green, massive, no feldspar phenocrysts no lapilli clasts no banding or argillite beds. Local 20 cm wide intervals of feldspar phenocrysts, not beds.
RN-20-11	153.80	159.50	ALTZN	Alteration Zone Weak - Increase in density of quartz veins, 10-15% qtz veins 1-3% po and py. Veins are brecciated and patchy poorly formed 154.6-155.3 broken blocky core fault gouge 50 deg to CA. 154.4 - 156.2 Grey mottled qtz vein 1-3% po 1% py 155.9 3 flakes of VG Larger veins 75 deg to CA
RN-20-11	159.50	168.60	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Some massive finer argillite interbeds.
RN-20-11	168.60	177.70	IVOLCarg	Intermediate Volcanic Argillite - Grey to fine grained with distinct laminations and beds.
RN-20-11	177.70	196.60	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Some massive finer argillite interbeds. 10cm-1 m grey argillite interbeds.
RN-20-11	196.60	203.40	IVOLCarg	Intermediate Volcanic Argillite - Grey to black fine grained with distinct well defined black argillite laminations and beds.
RN-20-11	203.40	208.90	IVOLCarg	Intermediate Volcanic Argillite - Grey to fine grained with distinct laminations and beds.
RN-20-11	208.90	213.50	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Some massive finer argillite interbeds. 10cm-1 m grey argillite interbeds.

RN-20-11	213.50	224.00	IVOLCarg	Intermediate Volcanic Argillite - Grey to fine grained with distinct laminations and beds. Rare interbed of lapilli tuff.
RN-20-11	224.00	243.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Some massive finer argillite interbeds. 10cm-1 m grey argillite interbeds. 228.0-229.0 1-3% 1 cm qtz carb veins crosscutting 65-75 deg to CA. 230.0-232 1-3% 1-3 cm wide qtz carb veins crosscutting 65-75 deg to CA 232.0-235.0 1% 1 cm wide qtz carb veins.
RN-20-11	243.00	252.50	ALTZN	Alteration Zone Weak - Grey lappili tuff with distinct increase in qtz veins density. Wall rock ralatively unaltered. 247.4 - 249.1 75% white qtz veins 75 deg to CA, 1-3%b fine py po. 250.7 - 251.5 Single quartz vein white, 80 deg to CA, 1-2% po py, 2 flakes VG.
RN-20-11	252.50	273.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Some massive finer argillite interbeds. 10cm-1 m grey argillite interbeds.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Breccia
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite
ARGgrph	Argillite graphitic
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNflt	Weak alteration silicification brittle fault with qtz veins
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-11	0	25	25.0	-60.0			Y	Y	As spotted in field.
RN-20-11	15	34.8	25.8	-58.3	55698		Y	Y	
RN-20-11	84.0	35	26.0	-54.9	55330		Y	Y	
RN-20-11	120.0	36.4	27.4	-53.2	55563		Y	Y	
RN-20-11	171.0	38.0	29.0	-52.1	55481		Y	Y	
RN-20-11	220.0	41.4	32.4	-51.5	55531		Y	Y	
RN-20-11	273.0	43.3	34.3	-50.4	55564		Y	Y	

BHID	Depth	MS	Lith	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-11	12.0		0.05 IVOLCarg	
RN-20-11	21.5		0.08 IVOLCarg	
RN-20-11	27.0		0.18 IVOLCarg	
RN-20-11	33.0		0.13 ALTZN	
RN-20-11	40.0		0.15 IVOLCarg	
RN-20-11	45.5		0.26 IVOLCarg	
RN-20-11	51.0		0.09 IVOLCarg	
RN-20-11	52.0		0.31 IVOLCarg	
RN-20-11	MS-3		1.05	
RN-20-11	56.0		0.19 IVOLCarg	
RN-20-11	62.0		0.03 IVOLCarg	
RN-20-11	69.0		0.08 IVOLCarg	
RN-20-11	82.0		0.12 IVOLCarg	
RN-20-11	96.0		0.23 IVOLClaptuf	
RN-20-11	105.0		0.18 IVOLC	
RN-20-11	116.0		0.16 IVOLCtuf	
RN-20-11	122.0		0.13 IVOLC	
RN-20-11	MS-2		0.04	
RN-20-11	132.0		0.30 IVOLC	
RN-20-11	135.0		0.38 IVOLC	
RN-20-11	138.0		0.17 IVOLC	
RN-20-11	144.0		0.25 IVOLC	
RN-20-11	148.0		0.27 IVOLC	
RN-20-11	154.0		0.50 ALTZN	
RN-20-11	157.0		0.42 ALTZN	
RN-20-11	161.0		0.34 IVOLCtuf	
RN-20-11	164.0		0.13 IVOLCtuf	
RN-20-11	MS-4		23.90	
RN-20-11	171.0		0.12 IVOLCarg	
RN-20-11	182.0		0.44 IVOLCtuf	
RN-20-11	195.0		0.17 IVOLCtuf	
RN-20-11	208.0		0.35 IVOLCtuf	
RN-20-11	221.0		0.11 IVOLCarg	
RN-20-11	230.0		0.16 IVOLCtuf	
RN-20-11	240.0		0.17 IVOLCtuf	
RN-20-11	257.0		0.15 IVOLCtuf	
RN-20-11	264.0		0.17 IVOLCtuf	
RN-20-11	272.0		0.12 IVOLCtuf	
RN-20-11	MS-1		71.10	

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc <i>Ohaus Scout SIX 1502N/E Balance</i>	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-11	September 19, 2020	Weight	5.00	5.00	4.99	5.00						
RN-20-11	September 19, 2020	24.50	IVOLCarg	367.33	367.34	367.34	232.43	232.44	232.44	2.72		
RN-20-11	September 19, 2020	61.00	IVOLCarg	336.43	336.43	336.43	212.54	212.53	212.54	2.72		
RN-20-11	September 19, 2020	SG-3	Sulphide	80.28	80.29	80.29	62.9	62.9	62.90	4.62		
RN-20-11	September 19, 2020	99.00	IVOLClaptu	347.32	347.33	347.33	224.89	224.88	224.89	2.84		
RN-20-11	September 19, 2020	142.00	IVOLC	346.84	346.83	346.84	221.19	221.21	221.20	2.76		
RN-20-11	September 19, 2020	156.00	Qtz Vn	209.42	209.40	209.41	131.21	131.23	131.22	2.68		
RN-20-11	September 20, 2020	234.00	IVOLCtuf	267.31	267.31	267.31	169.60	169.56	169.58	2.74		
RN-20-11	September 20, 2020	270.00	IVOLCtuf	351.43	351.39	351.41	220.96	220.97	220.97	2.69		

BHID	Depth	Core Angle	DDH		Oriented Core		Calculated Values			Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
			Az	Dip	Alpha	Beta	Az	Dip							
RN-20-11	12.5	20									Bedding/Banding				
RN-20-11	21.00	15									Bedding/Banding				
RN-20-11	23.00	55										1cm			
RN-20-11	47.80	30									Laminations				
RN-20-11	38.50	20									Argillite beds				
RN-20-11	44.30	20									Argillite beds				
RN-20-11	56.00	25									Argillite beds				
RN-20-11	73.00	25									Argillite beds				
RN-20-11	79.50	30									Clast Alignment				
RN-20-11	90.10	25							Sharp						
RN-20-11	102.00	25									Argillite beds				
RN-20-11	145.00	30								weak	Clast Alignment				
RN-20-11	159.50	40								mod					
RN-20-11	172.00	35									Argillite beds				
RN-20-11	186.00	30									Argillite beds				
RN-20-11	198.00	20									Argillite beds				
RN-20-11	213.00	40									Argillite beds				
RN-20-11	224.00	40									Argillite beds				
RN-20-11	234.80	80										2 cm			
RN-20-11	242.80	35									Argillite beds				
RN-20-11	245.50	65										3 cm			
RN-20-11	248.50	65										50 cm			
RN-20-11	254.00	35									Argillite beds				
RN-20-11	263.00	30									Argillite beds				
RN-20-11	272.00	35									Argillite beds				

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD % Rank
RN-20-11	8.5	12.0	3.2	2.9			
RN-20-11	12.0	15.0	2.8	2.0			
RN-20-11	15.0	18.0	2.9	1.8			
RN-20-11	18.0	21.0	3.0	2.9			
RN-20-11	21.0	24.0	3.0	2.9			
RN-20-11	24.0	27.0	2.9	2.6			
RN-20-11	27.0	30.0	3.0	3.0			
RN-20-11	30.0	33.0	3.0	3.0			
RN-20-11	33.0	36.0	3.0	2.9			
RN-20-11	36.0	39.0	2.9	2.7			
RN-20-11	39.0	42.0	2.9	2.5			
RN-20-11	42.0	45.0	2.9	1.2			
RN-20-11	45.0	48.0	2.9	2.0			
RN-20-11	48.0	51.0	3.0	2.7			
RN-20-11	51.0	54.0	3.0	2.4			
RN-20-11	54.0	57.0	3.0	2.3			
RN-20-11	57.0	60.0	3.0	2.4			
RN-20-11	60.0	63.0	3.0	2.9			
RN-20-11	63.0	66.0	3.0	3.0			
RN-20-11	66.0	69.0	3.0	3.0			
RN-20-11	69.0	72.0	3.0	2.8			
RN-20-11	72.0	75.0	3.0	2.9			
RN-20-11	75.0	78.0	3.0	3.0			
RN-20-11	78.0	81.0	3.0	2.7			
RN-20-11	81.0	84.0	3.0	2.9			
RN-20-11	84.0	87.0	3.0	2.9			
RN-20-11	87.0	90.0	3.0	2.8			
RN-20-11	90.0	93.0	3.0	3.0			
RN-20-11	93.0	96.0	3.0	3.0			
RN-20-11	96.0	99.0	3.0	2.9			
RN-20-11	99.0	102.0	3.0	2.9			
RN-20-11	102.0	105.0	3.0	2.8			
RN-20-11	105.0	108.0	3.0	2.4			
RN-20-11	108.0	111.0	3.0	2.9			
RN-20-11	111.0	114.0	3.0	3.0			
RN-20-11	114.0	117.0	3.0	3.0			
RN-20-11	117.0	120.0	3.0	3.0			
RN-20-11	120.0	123.0	3.0	3.0			
RN-20-11	123.0	126.0	3.0	3.0			
RN-20-11	126.0	129.0	3.0	3.0			
RN-20-11	129.0	132.0	3.0	3.0			
RN-20-11	132.0	135.0	3.0	3.0			
RN-20-11	135.0	138.0	3.0	2.8			
RN-20-11	138.0	141.0	3.0	2.8			
RN-20-11	141.0	144.0	3.0	2.8			
RN-20-11	144.0	147.0	3.0	2.9			

RN-20-11	147.0	150.0	3.0	2.9
RN-20-11	150.0	153.0	3.0	2.9
RN-20-11	153.0	156.0	3.0	2.1
RN-20-11	156.0	159.0	3.0	2.5
RN-20-11	159.0	162.0	3.0	2.6
RN-20-11	162.0	165.0	3.0	2.9
RN-20-11	165.0	168.0	3.0	2.9
RN-20-11	168.0	171.0	3.0	2.2
RN-20-11	171.0	174.0	3.0	2.0
RN-20-11	174.0	177.0	3.0	2.7
RN-20-11	177.0	180.0	3.0	2.3
RN-20-11	180.0	183.0	3.0	2.9
RN-20-11	183.0	186.0	3.0	2.8
RN-20-11	186.0	189.0	3.0	2.1
RN-20-11	189.0	192.0	3.0	3.0
RN-20-11	192.0	195.0	3.0	3.0
RN-20-11	195.0	198.0	3.0	2.9
RN-20-11	198.0	201.0	3.0	3.0
RN-20-11	201.0	204.0	3.0	2.9
RN-20-11	204.0	207.0	3.0	2.9
RN-20-11	207.0	210.0	3.0	2.9
RN-20-11	210.0	213.0	3.0	2.8
RN-20-11	213.0	216.0	3.0	2.5
RN-20-11	216.0	219.0	3.0	2.6
RN-20-11	219.0	222.0	3.0	3.0
RN-20-11	222.0	225.0	3.0	2.9
RN-20-11	225.0	228.0	3.0	2.7
RN-20-11	228.0	231.0	3.0	2.8
RN-20-11	231.0	234.0	3.0	2.8
RN-20-11	234.0	237.0	3.0	3.0
RN-20-11	237.0	240.0	3.0	2.6
RN-20-11	240.0	243.0	3.0	2.7
RN-20-11	243.0	246.0	3.0	3.0
RN-20-11	246.0	249.0	3.0	3.0
RN-20-11	249.0	252.0	3.0	3.0
RN-20-11	252.0	255.0	3.0	3.0
RN-20-11	255.0	258.0	3.0	3.0
RN-20-11	258.0	261.0	3.0	3.0
RN-20-11	261.0	264.0	3.0	3.0
RN-20-11	264.0	267.0	3.0	3.0
RN-20-11	267.0	270.0	3.0	3.0
RN-20-11	270.0	273.0	3.0	2.7

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Stand/blank	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm	
RN-20-11	B0157554	29.50	30.50	1.00		ALTZN		1		B0157554	<0.005	
RN-20-11	B0157555	30.50	31.50	1.00		ALTZN				B0157555	<0.005	
RN-20-11	B0157556	31.50	32.50	1.00		ALTZN		1		B0157556	<0.005	
RN-20-11	B0157557	32.50	33.50	1.00		ALTZN		1		B0157557	<0.005	
RN-20-11	B0157558	33.50	34.50	1.00		ALTZN		1		B0157558	<0.005	
RN-20-11	B0157559	34.50	36.00	1.50		ALTZN		1		B0157559	<0.005	
RN-20-11	B0157560	58.00	59.00	1.00		IVOLCarg		1		B0157560	<0.005	
RN-20-11	B0157561				Blank			5		B0157561	<0.005	0.0
RN-20-11	B0157562	59.00	60.00	1.00		IVOLCarg		3		B0157562	<0.005	
RN-20-11	B0157563	60.00	61.00	1.00		IVOLCarg		3		B0157563	<0.005	
RN-20-11	B0157564				223					B0157564	1.795	1.73
RN-20-11	B0157565	61.00	62.00	1.00		IVOLCarg		2		B0157565	<0.005	
RN-20-11	B0157566	62.00	63.00	1.00		IVOLCarg		2		B0157566	<0.005	
RN-20-11	B0157567	63.00	64.00	1.00		IVOLCarg		3		B0157567	<0.005	
RN-20-11	B0157568	64.00	65.00	1.00		IVOLCarg		2		B0157568	<0.005	
RN-20-11	B0157569	65.00	66.00	1.00		IVOLCarg		3		B0157569	<0.005	
RN-20-11	B0157570	66.00	67.50	1.50		IVOLCarg				B0157570	<0.005	
RN-20-11	B0157571	67.50	68.50	1.00		IVOLCarg		1		B0157571	<0.005	
RN-20-11	B0157572	153.00	153.80	0.80		IVOLC				B0157572	0.015	
RN-20-11	B0157573	153.80	155.00	1.20		ALTZN	1	1		B0157573	0.289	
RN-20-11	B0157574	155.00	156.00	1.00		ALTZN	3		3 flakes VG	AU-SCR24	5.77	
RN-20-11	B0157575	156.00	157.00	1.00		ALTZN	3	10		B0157575	4.66	
RN-20-11	B0157576	157.00	158.00	1.00		ALTZN	1	7		B0157576	0.238	
RN-20-11	B0157577	158.00	158.75	0.75		ALTZN	3	15		B0157577	0.928	
RN-20-11	B0157578	158.75	159.50	0.75		ALTZN	1	20		B0157578	0.965	
RN-20-11	B0157579	159.50	160.50	1.00		IVOLCtuf		1		B0157579	0.011	
RN-20-11	B0157580	227.00	228.00	1.00		IVOLCtuf				B0157580	0.007	
RN-20-11	B0157581				219					B0157581	0.751	0.76
RN-20-11	B0157582	228.00	229.00	1.00		IVOLCtuf		1		B0157582	0.035	
RN-20-11	B0157583	229.00	230.00	1.00		IVOLCtuf		3		B0157583	<0.005	
RN-20-11	B0157584	230.00	231.00	1.00		IVOLCtuf		1		B0157584	0.177	
RN-20-11	B0157585	231.00	232.00	1.00		IVOLCtuf		1		B0157585	0.05	

RN-20-11	B0157586	232.00	233.00	1.00		IVOLCtuf	2			B0157586	0.016	
RN-20-11	B0157587	233.00	234.00	1.00		IVOLCtuf	2			B0157587	<0.005	
RN-20-11	B0157588	234.00	235.00	1.00		IVOLCtuf	2			B0157588	<0.005	
RN-20-11	B0157589	242.00	243.00	1.00		IVOLCtuf	1			B0157589	0.109	
RN-20-11	B0157590	243.00	244.00	1.00		ALTZN				B0157590	0.012	
RN-20-11	B0157591	244.00	245.00	1.00		ALTZN	2			B0157591	0.072	
RN-20-11	B0157592	245.00	246.00	1.00		ALTZN	3			B0157592	0.014	
RN-20-11	B0157593	246.00	247.00	1.00		ALTZN	5			B0157593	0.249	
RN-20-11	B0157594	247.00	248.00	1.00		ALTZN	10			B0157594	0.707	
RN-20-11	B0157595				Blank					B0157595	<0.005	0.0
RN-20-11	B0157596	248.00	249.10	1.00		ALTZN	75			B0157596	1.65	
RN-20-11	B0157597	249.10	250.00	1.00		ALTZN	1			B0157597	0.154	
RN-20-11	B0157598					228				B0157598	8.81	8.73
RN-20-11	B0157599	250.00	250.70	0.70		ALTZN	3			B0157599	0.053	
RN-20-11	B0157600	250.70	251.50	0.80		ALTZN	100	2 flakes VG	AU-SCR24		2.68	
RN-20-11	B0157601	251.50	252.50	1.00		ALTZN				B0157601	0.058	
RN-20-11	B0157602	252.50	253.50	1.00		IVOLCtuf				B0157602	0.028	

TM20210079 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 47

DATE RECEIVED : 2020-09-21 DATE FINALIZED : 2020-10-27

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm	
B0157554	<0.005	
B0157555	<0.005	
B0157556	<0.005	
B0157557	<0.005	
B0157558	<0.005	
B0157559	<0.005	
B0157560	<0.005	
B0157561	<0.005	
B0157562	<0.005	
B0157563	<0.005	
B0157564		1.795
B0157565	<0.005	
B0157566	<0.005	
B0157567	<0.005	
B0157568	<0.005	
B0157569	<0.005	
B0157570	<0.005	
B0157571	<0.005	
B0157572		0.015
B0157573		0.289
B0157575		4.66
B0157576		0.238
B0157577		0.928
B0157578		0.965

B0157579		0.011
B0157580		0.007
B0157581		0.751
B0157582		0.035
B0157583	<0.005	
B0157584		0.177
B0157585		0.05
B0157586		0.016
B0157587	<0.005	
B0157588	<0.005	
B0157589		0.109
B0157590		0.012
B0157591		0.072
B0157592		0.014
B0157593		0.249
B0157594		0.707
B0157595	<0.005	
B0157596		1.65
B0157597		0.154
B0157598		8.81
B0157599		0.053
B0157601		0.058
B0157602		0.028

DATE RECEIVED : 2020-09-21 DATE FINALIZED : 2020-10-29

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-SCR24 Au Total (+)(-) Combined ppm	Au-SCR24 Au (+) Fraction ppm	Au-SCR24 Au (-) Fraction ppm	Au-SCR24 Au (+) mg mg	Au-SCR24 WT. + Frac Entire g	Au-SCR24 WT. - Frac Entire g	Au-AA26 Au ppm	Au-AA26D Au ppm
B0157574	5.77	17.3	4.79	1.366	79.05	930	4.88	4.7
B0157600	2.68	2.69	2.68	0.196	72.84	849.3	2.81	2.54

TM20210079 - Finalized

CLIENT : RF

of SAMPI

DATE RECE

PROJECT :

CERTIFICAT

PO NUMBE

Au-AA23

SAMPLE Au

DESCRIPTI(ppm

PMP-18 0.311

G313-5 7.12

BLANK <0.005

TM20210126 - Finalized

CLIENT : F

of SAMP

DATE REC

PROJECT

CERTIFIC/

PO NUMBI

Au-SCR24 Au-SCR24 Au-SCR24 Au-SCR24 Au-SCR24 Au-SCR24 Au-AA26 Au-AA26D

SAMPLE Au Total (+ Au (+) Frac Au (-) Frac Au (+) mg WT. + Frac WT. - Frac Au Au

DESCRIPT ppm ppm ppm mg g g ppm ppm

OREAS 21 0.76 0.76

KIP-19 2.52 2.52

BLANK <0.01 <0.01

TM20210079 - Finalized

CLIENT : RF

of SAMPI

DATE RECE

PROJECT :

CERTIFICA1

PO NUMBE

Au-AA23

SAMPLE Au

DESCRIPTI(ppm

B0157565 <0.005

B0157565 <0.005

B0157586 0.016

B0157586 0.009

TM20210126 - Finalized

CLIENT : F

of SAMP

DATE REC

PROJECT

CERTIFIC/

PO NUMBI

Au-SCR24 Au-SCR24 Au-SCR24 Au-SCR24 Au-SCR24 Au-SCR24 Au-AA26 Au-AA26D

SAMPLE Au Total (+ Au (+) Frac Au (-) Frac Au (+) mg WT. + Frac WT. - Frac Au Au

DESCRIPT ppm ppm ppm mg g g ppm ppm

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83

Drillhole Summary

DDH ID	RN-20-12							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365633	5303579	397	25	-52	240.00
Purpose	Test down plunge continuity of intersection from RN-20-06							
Explanation	Sewveral narrow intervals of alteration							
Start date	September 20, 2020							
End date	September 23, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	9 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	September 24 ,2020	Assays Added	Nov 5, 2020					
Comments	86 Samples							
Comments	55 boxes of core							

BHID	From	To	Litho	Comment
RN-20-12	0.0	9.5	CAS	CASING-Overburden
RN-20-12	9.5	13.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Narrow 20cm wide intervals of fine lapilli tuff interbeds.
RN-20-12	13.00	27.50	ALTZN	Alteration Zone Weak - Light green to yellow pervassive sericite rich section. 1-3% 1 cm qtz veins crosscutting Distinct lapilli sized clasts, angular up 1-2cm in size. Some massive finer argillite interbeds.
RN-20-12	27.50	49.90	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Distinct scattered black fine argillite intervals 3-10 cm wide . Narrow intervals of fine lapilli tuff interbeds.
RN-20-12	49.90	65.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. 64.5-65.0 cherty siliceous interval.
RN-20-12	65.00	71.80	IVOLC	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct creamy white feldspar phenocrysts. Feldspar phenocrysts fractured ragged 1-8mm in size, not banded, not oriented. Local fine tuff beds/bands.
RN-20-12	71.80	75.50	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff - Light grey with distinct tuff breccia sized clasts up to 6cm, angular. Clasts weakly foliated, non bedded. Clast felsic composition.
RN-20-12	75.50	78.50	IVOLC	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct creamy white feldspar phenocrysts. Feldspar phenocrysts fractured ragged 1-8mm in size, not banded, not oriented.
RN-20-12	78.50	84.00	ALTZN	Alteration Zone Weak - Light green to yellow sericite rich section. Local 3-5% qtz veins crosscutting
RN-20-12	84.00	97.10	IVOLC	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct creamy white feldspar phenocrysts. Feldspar phenocrysts fractured ragged 1-8mm in size, not banded, not oriented. Local fine tuff bands.
RN-20-12	97.10	105.90	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. No feldspar phenocrysts. Distinct lapilli sized clasts, angular up 8mm in size.
RN-20-12	105.90	118.60	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated.

Distinct lapilli sized clasts, angular up 8mm in size.

RN-20-12	118.60	121.50	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size.
RN-20-12	121.50	144.50	IVOLCarg	Intermediate Volcanic Argillite - Grey to black fine grained with distinct well defined black argillite laminations and beds.
RN-20-12	144.50	165.50	ALTZN	Alteration Zone Weak - Increase in density of quartz veins, 3-5% locally up to 10-15% qtz veins 1-3% po and py. Veins are brecciated and patchy poorly formed. Grey siliceous groundmass. 147.0-148.0 Grey qtz white qtz vein 1-3% py tr po 156.5-158.0.0 10-15% qtz veins 163.0-165.5 10% qtz veins
RN-20-12	165.50	185.00	IVOLCtuf	Intermediate Volcanic Fine Tuff- Light green fine grained weakly foliated.
RN-20-12	185.00	198.10	ALTZN	Alteration Zone Weak - Increase in density of quartz veins, 3-5% locally up to 3-5% qtz veins 1-3% po and py. 192.0-196.0 10-15% qtz veins 196.0-198.1 3-5% qtz veins
RN-20-12	198.10	201.50	ALTZNser	Alteration Zone Sericite - Ligh buff yellow with strong sericite alteration. Strong foliation and brecciation of host unit angular lithons.
RN-20-12	201.50	215.50	ALTZN	Alteration Zone Weak - Weak unaltered wallrock of massive inintermediate volcanics. 1-3% qtz veins locally up to 5%. 205.5-206.0 10% qtz veins, sericite alteration local. 213.0-215.0 10-15% qtz veins with sericite alteration.
RN-20-12	215.50	240.00	IVOLC	Intermediate Volcanic massive - Light grey green massive intermedite volcanics 220.0 m M type folding along core axis. 220.5-221.5 Sericite rich section 5% qtz veins 228.0-228.1 Qtz vein 229.5-230.5 Sericite rich section 5% qtz veins Banded fine interbedded tuffs downhole.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Breccia
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite
ARGgrph	Argillite graphitic
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNflt	Weak alteration silicification brittle fault with qtz veins
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-12	0	25	25.0	-52.0			Y	Y	As spotted in field.
RN-20-12	18	34.8	25.8	-50.6	55907		Y	Y	
RN-20-12	69.0	33.8	24.8	-47.4	55687		Y	Y	
RN-20-12	120.0	34.3	25.3	-45.6	55537		Y	Y	
RN-20-12	171.0	35.2	26.2	-44.4	55582		Y	Y	
RN-20-12	240.0	34.9	25.9	-41.2	55420		Y	Y	

BHID	Depth	MS	Lith	<i>Terraplug KT-5 Magnetic Susceptibility Meter</i>
RN-20-12	13.0		0.16 ALTZN	
RN-20-12	21.0		0.18 ALTZN	
RN-20-12	30.0		0.25 IVOLCarg	
RN-20-12	42.0		0.08 IVOLCarg	
RN-20-12	58.0		0.12 IVOLCtuf	
RN-20-12	65.0		0.36 IVOLC	
RN-20-12	79.0		0.13 ALTZN	
RN-20-12	MS-2		0.06	
RN-20-12	84.0		0.09 ALTZN	
RN-20-12	92.0		0.26 IVOLC	
RN-20-12	109.0		0.21 IVOLCbrec	
RN-20-12	116.0		0.22 IVOLCbrec	
RN-20-12	121.0		0.25 IVOLCtuf	
RN-20-12	130.0		0.17 IVOLCarg	
RN-20-12	142.0		0.16 IVOLCarg	
RN-20-12	147.4		2.73 ALTZN	
RN-20-12	147.6		1.90 ALTZN	
RN-20-12	149.0		0.29 ALTZN	
RN-20-12	MS-3		1.11	
RN-20-12	156.0		0.12 ALTZN	
RN-20-12	164.5		0.13 ALTZN	
RN-20-12	173.0		0.09 IVOLCtuf	
RN-20-12	181.0		0.08 IVOLCtuf	
RN-20-12	189.0		0.09 ALTZN	
RN-20-12	193.0		0.06 ALTZN	
RN-20-12	199.0		0.03 ALTZNser	
RN-20-12	202.5		0.06 ALTZN	
RN-20-12	210.0		0.06 ALTZN	
RN-20-12	218.5		0.01 IVOLC	
RN-20-12	MS-1		68.90	
RN-20-12	233.0		0.06 IVOLC	
RN-20-12	229.0		0.06 IVOLC	
RN-20-12	234.5		0.10 IVOLC	
RN-20-12	239.0		0.10 IVOLC	

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc	Ohaus Scout SIX 1502N/E Balance	Terraplus KT-5 Magnetic Susceptibility Meter
RN-20-12	Sept 22, 2020	Weight	0.50	0.50	0.50	0.50							
RN-20-12	Sept 22, 2020	SG-2	tuff	631.26	631.27	631.27	429.24	429.26	429.25	3.12			
RN-20-12	Sept 22, 2020	40.20	IVOLCarg	288.89	288.87	288.88	183.38	183.4	183.39	2.74			
RN-20-12	Sept 22, 2020	63.10	IVOLCtuf	258.17	258.18	258.18	165.63	165.64	165.64	2.79			
RN-20-12	Sept 22, 2020	108.50	IVOLCbrec	413.70	413.70	413.70	266.92	266.89	266.91	2.82			
RN-20-12	Sept 22, 2020	120.00	IVOLCtuf	223.35	223.34	223.35	144.07	144.07	144.07	2.82			
RN-20-12	Sept 23, 2020	154.00	ALTZN	461.24	461.23	461.24	290.97	281.99	286.48	2.64			
RN-20-12	Sept 23, 2020	189.00	ALTZN	444.29	444.32	444.31	278.40	278.37	278.39	2.68			

BHID	Depth	Core Angle	DDH		Oriented Core		Calculated Values		Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
			Az	Dip	Alpha	Beta	Az	Dip						
RN-20-12	11.6	30												
RN-20-12	17.0	30								Strong				Sericite
RN-20-12	25.4	30									Argillite bedding			
RN-20-12	32.0	20									Argillite bedding			
RN-20-12	40.0	25									Argillite bedding			
RN-20-12	40.7	20							Sharp					
RN-20-12	69.2	40									Argillite Bedding			
RN-20-12	79.8	75									Argillite Bedding			
RN-20-12	82.0	75										3 cm		
RN-20-12	96.0	40								weak		5 cm		
RN-20-12	101.0	35									Argillite bedding			
RN-20-12	109.0	40									Clast alignment			
RN-20-12	118.6	25							Sharp					
RN-20-12	126.0	20									Argillite bedding			
RN-20-12	130.5	20									Argillite bedding			
RN-20-12	146.2	55										3 cm		
RN-20-12	147.4	79										75 cm		
RN-20-12	153.2	50										1 cm		
RN-20-12	173.2	50										20 cm		
RN-20-12	179.0	30								Moderate				
RN-20-12	187.0	30								Weak				
RN-20-12	192.0	80										3 cm		
RN-20-12	194.5	75										10 cm		
RN-20-12	199.00	35								Ser Schist				
RN-20-12	210.00	35									Argillite bedding			
RN-20-12	236.00	30									Bedding/Banding			

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-12	9.5	12.0	2.5	2.3				
RN-20-12	12.0	15.0	3.0	2.8				
RN-20-12	15.0	18.0	3.0	2.8				
RN-20-12	18.0	21.0	2.9	1.1				
RN-20-12	21.0	24.0	2.9	1.0				
RN-20-12	24.0	27.0	3.0	2.7				
RN-20-12	27.0	30.0	3.0	2.8				
RN-20-12	30.0	33.0	3.0	2.4				
RN-20-12	33.0	36.0	3.0	2.7				
RN-20-12	36.0	39.0	3.0	2.5				
RN-20-12	39.0	42.0	3.0	2.6				
RN-20-12	42.0	45.0	3.0	2.6				
RN-20-12	45.0	48.0	3.0	2.9				
RN-20-12	48.0	51.0	3.0	2.9				
RN-20-12	51.0	54.0	3.0	2.9				
RN-20-12	54.0	57.0	3.0	2.9				
RN-20-12	57.0	60.0	3.0	3.0				
RN-20-12	60.0	63.0	3.0	2.7				
RN-20-12	63.0	66.0	3.0	2.7				
RN-20-12	66.0	69.0	3.0	2.9				
RN-20-12	69.0	72.0	3.0	2.8				
RN-20-12	72.0	75.0	3.0	2.9				
RN-20-12	75.0	78.0	3.0	2.7				
RN-20-12	78.0	81.0	3.0	2.9				
RN-20-12	81.0	84.0	3.0	2.8				
RN-20-12	84.0	87.0	3.0	2.7				
RN-20-12	87.0	90.0	3.0	2.6				
RN-20-12	90.0	93.0	3.0	2.8				
RN-20-12	93.0	96.0	3.0	3.0				
RN-20-12	96.0	99.0	3.0	3.0				
RN-20-12	99.0	102.0	3.0	2.9				
RN-20-12	102.0	105.0	3.0	1.9				
RN-20-12	105.0	108.0	3.0	2.7				
RN-20-12	108.0	111.0	3.0	3.0				
RN-20-12	111.0	114.0	3.0	2.9				
RN-20-12	114.0	117.0	3.0	3.0				
RN-20-12	117.0	120.0	3.0	3.0				
RN-20-12	120.0	123.0	3.0	3.0				
RN-20-12	123.0	126.0	3.0	3.0				
RN-20-12	126.0	129.0	3.0	3.0				
RN-20-12	129.0	132.0	3.0	3.0				
RN-20-12	132.0	135.0	3.0	3.0				
RN-20-12	135.0	138.0	3.0	2.9				
RN-20-12	138.0	141.0	3.0	2.6				
RN-20-12	141.0	144.0	3.0	2.9				
RN-20-12	144.0	147.0	3.0	3.0				

RN-20-12	147.0	150.0	3.0	2.8
RN-20-12	150.0	153.0	2.9	2.6
RN-20-12	153.0	156.0	3.0	2.3
RN-20-12	156.0	159.0	3.0	3.0
RN-20-12	159.0	162.0	3.0	2.8
RN-20-12	162.0	165.0	3.0	3.0
RN-20-12	165.0	168.0	3.0	2.8
RN-20-12	168.0	171.0	3.0	3.0
RN-20-12	171.0	174.0	3.0	2.7
RN-20-12	174.0	177.0	3.0	3.0
RN-20-12	177.0	180.0	3.0	2.8
RN-20-12	180.0	183.0	3.0	2.9
RN-20-12	183.0	186.0	3.0	2.9
RN-20-12	186.0	189.0	3.0	2.9
RN-20-12	189.0	192.0	3.0	2.9
RN-20-12	192.0	195.0	3.0	2.9
RN-20-12	195.0	198.0	3.0	2.9
RN-20-12	198.0	201.0	2.8	2.0
RN-20-12	201.0	204.0	3.0	2.9
RN-20-12	204.0	207.0	3.0	2.6
RN-20-12	207.0	210.0	3.0	2.8
RN-20-12	210.0	213.0	3.0	2.6
RN-20-12	213.0	216.0	3.0	3.0
RN-20-12	216.0	219.0	3.0	2.9
RN-20-12	219.0	222.0	3.0	2.7
RN-20-12	222.0	225.0	3.0	3.0
RN-20-12	225.0	228.0	3.0	2.7
RN-20-12	228.0	231.0	3.0	2.6
RN-20-12	231.0	234.0	3.0	2.3
RN-20-12	234.0	237.0	3.0	2.4
RN-20-12	237.0	240.0	3.0	2.9

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Stand/blank	Litho	Py %	Qtz Veins %	Comment	Samples	Au-AA23 Au ppm	
RN-20-12	B0157603	16.00	17.00	1.00		ALTZN		1		B0157603	0.007	
RN-20-12	B0157604	17.00	18.00	1.00		ALTZN		3		B0157604	<0.005	
RN-20-12	B0157605	18.00	19.00	1.00		ALTZN		3		B0157605	<0.005	
RN-20-12	B0157606	19.00	20.00	1.00		ALTZN		3		B0157606	0.005	
RN-20-12	B0157607	20.00	21.00	1.00		ALTZN		3		B0157607	<0.005	
RN-20-12	B0157608	64.50	65.00	0.50		IVOLC		80		B0157608	<0.005	
RN-20-12	B0157609	74.50	75.50	1.00		IVOLC				B0157609	0.049	
RN-20-12	B0157610	75.50	76.50	1.00		IVOLC				B0157610	0.011	
RN-20-12	B0157611	76.50	77.50	1.00		IVOLC				B0157611	0.006	
RN-20-12	B0157612	77.50	78.50	1.00		IVOLC		1		B0157612	<0.005	
RN-20-12	B0157613				Blank					B0157613	<0.005	0
RN-20-12	B0157614	78.50	79.50	1.00		ALTZN		1		B0157614	<0.005	
RN-20-12	B0157615	79.50	80.50	1.00		ALTZN		1		B0157615	<0.005	
RN-20-12	B0157616	80.50	81.50	1.00		ALTZN		3		B0157616	<0.005	
RN-20-12	B0157617				OREAS 219					B0157617	0.768	0.76
RN-20-12	B0157618	81.50	82.50	1.00		ALTZN		1		B0157618	<0.005	
RN-20-12	B0157619	82.50	84.00	1.50		ALTZN				B0157619	<0.005	
RN-20-12	B0157620	143.00	144.50	1.50		ALTZN				B0157620	<0.005	
RN-20-12	B0157621	144.50	145.50	1.00		ALTZN				B0157621	0.625	
RN-20-12	B0157622	145.50	146.50	1.00		ALTZN		5		B0157622	0.718	
RN-20-12	B0157623	146.50	147.50	1.00		ALTZN		5		B0157623	1.1	
RN-20-12	B0157624	147.50	148.00	0.50		ALTZN	py,po	100		B0157624	3.67	
RN-20-12	B0157625	148.00	149.00	1.00		ALTZN		10		B0157625	4.04	
RN-20-12	B0157626				Blank					B0157626	<0.005	0
RN-20-12	B0157627	149.00	150.00	1.00		ALTZN	2	5		B0157627	0.533	
RN-20-12	B0157628	150.00	151.00	1.00		ALTZN	2	1		B0157628	0.126	
RN-20-12	B0157629	151.00	152.00	1.00		ALTZN	2	1		B0157629	0.009	
RN-20-12	B0157630	152.00	153.50	1.50		ALTZN	2	3		B0157630	0.087	
RN-20-12	B0157631	153.50	154.50	1.00		ALTZN	2	1		B0157631	0.031	
RN-20-12	B0157632	154.50	155.50	1.00		ALTZN	2	2		B0157632	0.04	
RN-20-12	B0157633	155.50	156.50	1.00		ALTZN	2	2		B0157633	0.023	
RN-20-12	B0157634	156.50	157.50	1.00		ALTZN		3		B0157634	0.218	
RN-20-12	B0157635	157.50	158.50	1.00		ALTZN		5		B0157635	0.246	
RN-20-12	B0157636	158.50	159.50	1.00		ALTZN		1		B0157636	0.068	
RN-20-12	B0157637	159.50	160.50	1.00		ALTZN		1		B0157637	0.066	
RN-20-12	B0157638	160.50	161.50	1.00		ALTZN		3		B0157638	0.01	
RN-20-12	B0157639	161.50	162.50	1.00		ALTZN		1		B0157639	0.043	
RN-20-12	B0157640	162.50	163.50	1.00		ALTZN		15		B0157640	0.076	
RN-20-12	B0157641				OREAS 223					B0157641	1.755	1.78
RN-20-12	B0157642	163.50	164.50	1.00		ALTZN		10		B0157642	0.615	
RN-20-12	B0157643	164.50	165.50	1.00		ALTZN		1		B0157643	0.206	
RN-20-12	B0157644	165.50	166.50	1.00		IVOLCtuf		1		B0157644	0.015	
RN-20-12	B0157645	172.50	173.50	1.00		IVOLCtuf		10		B0157645	0.054	
RN-20-12	B0157646	185.00	186.00	1.00		ALTZN		2		B0157646	1.76	
RN-20-12	B0157647	186.00	187.00	1.00		ALTZN		1		B0157647	0.121	
RN-20-12	B0157648	187.00	188.00	1.00		ALTZN		1		B0157648	0.297	
RN-20-12	B0157649	188.00	189.00	1.00		ALTZN		1		B0157649	0.136	
RN-20-12	B0157650	189.00	190.00	1.00		ALTZN		3		B0157650	0.12	
RN-20-12	B0157651	190.00	191.00	1.00		ALTZN		1		B0157651	0.082	
RN-20-12	B0157652	191.00	192.00	1.00		ALTZN		3		B0157652	0.038	
RN-20-12	B0157653	192.00	193.00	1.00		ALTZN		5		B0157653	0.104	
RN-20-12	B0157654	193.00	194.00	1.00		ALTZN		10		B0157654	0.094	
RN-20-12	B0157655				OREAS 223					B0157655	1.74	1.78
RN-20-12	B0157656	194.00	195.00	1.00		ALTZN		5		B0157656	0.071	
RN-20-12	B0157657	195.00	196.00	1.00		ALTZN		3		B0157657	0.347	
RN-20-12	B0157658	196.00	197.00	1.00		ALTZN		5		B0157658	0.129	
RN-20-12	B0157659	197.00	198.10	1.10		ALTZN		5		B0157659	0.047	
RN-20-12	B0157660	198.10	199.00	0.90		ALTZNser		10		B0157660	0.125	
RN-20-12	B0157661	199.00	200.00	1.00		ALTZNser		5		B0157661	1.655	
RN-20-12	B0157662	200.00	200.75	0.75		ALTZNser		3		B0157662	0.026	
RN-20-12	B0157663	200.75	201.50	0.75		ALTZNser		1		B0157663	0.039	
RN-20-12	B0157664	201.50	202.50	1.00		ALTZN		3		B0157664	0.018	
RN-20-12	B0157665	202.50	203.50	1.00		ALTZN		1		B0157665	0.007	
RN-20-12	B0157666	203.50	204.50	1.00		ALTZN		1		B0157666	0.046	
RN-20-12	B0157667				Blank					B0157667	<0.005	0
RN-20-12	B0157668	204.50	205.50	1.00		ALTZN		1		B0157668	0.411	
RN-20-12	B0157669	205.50	206.50	1.00		ALTZN		3		B0157669	0.493	
RN-20-12	B0157670	206.50	207.50	1.00		ALTZN		3		B0157670	0.03	
RN-20-12	B0157671	207.50	208.50	1.00		ALTZN		1		B0157671	0.061	
RN-20-12	B0157672	208.50	209.50	1.00		ALTZN		2		B0157672	0.02	
RN-20-12	B0157673	209.50	210.50	1.00		ALTZN		2		B0157673	0.015	
RN-20-12	B0157674	210.50	211.50	1.00		ALTZN		2		B0157674	0.093	

RN-20-12	B0157675	211.50	212.50	1.00	ALTZN	5	B0157675	0.188
RN-20-12	B0157676	212.50	213.50	1.00	ALTZN	5	B0157676	3.75
RN-20-12	B0157677	213.50	214.50	1.00	ALTZN	5	B0157677	0.917
RN-20-12	B0157678	214.50	215.50	1.00	ALTZN	20	B0157678	0.236
RN-20-12	B0157679	215.50	216.50	1.00	IVOLC	1	B0157679	0.034
RN-20-12	B0157680	219.50	220.50	1.00	IVOLC	2	B0157680	0.722
RN-20-12	B0157681	220.50	221.50	1.00	IVOLC	2	B0157681	0.585
RN-20-12	B0157682	221.50	222.50	1.00	IVOLC	1	B0157682	0.737
RN-20-12	B0157683	222.50	223.50	1.00	IVOLC	1	B0157683	0.078
RN-20-12	B0157684	223.50	224.50	1.00	IVOLC	1	B0157684	0.029
RN-20-12	B0157685	224.50	225.50	1.00	IVOLC		B0157685	0.835
RN-20-12	B0157686	228.00	229.00	1.00	IVOLC	10	B0157686	0.214
RN-20-12	B0157687	229.00	230.00	1.00	IVOLC	3	B0157687	0.258
RN-20-12	B0157688	230.00	231.00	1.00	IVOLC	1	B0157688	0.039

TM20221120 - Finalized

CLIENT : RRLWWCLU - RockRic

of SAMPLES : 86

DATE RECEIVED : 2020-09-30

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157603	0.007
B0157604	<0.005
B0157605	<0.005
B0157606	0.005
B0157607	<0.005
B0157608	<0.005
B0157609	0.049
B0157610	0.011
B0157611	0.006
B0157612	<0.005
B0157613	<0.005
B0157614	<0.005
B0157615	<0.005
B0157616	<0.005
B0157617	0.768
B0157618	<0.005
B0157619	<0.005
B0157620	<0.005
B0157621	0.625
B0157622	0.718
B0157623	1.1
B0157624	3.67
B0157625	4.04
B0157626	<0.005
B0157627	0.533
B0157628	0.126
B0157629	0.009
B0157630	0.087
B0157631	0.031
B0157632	0.04
B0157633	0.023
B0157634	0.218
B0157635	0.246
B0157636	0.068
B0157637	0.066
B0157638	0.01
B0157639	0.043

B0157640	0.076
B0157641	1.755
B0157642	0.615
B0157643	0.206
B0157644	0.015
B0157645	0.054
B0157646	1.76
B0157647	0.121
B0157648	0.297
B0157649	0.136
B0157650	0.12
B0157651	0.082
B0157652	0.038
B0157653	0.104
B0157654	0.094
B0157655	1.74
B0157656	0.071
B0157657	0.347
B0157658	0.129
B0157659	0.047
B0157660	0.125
B0157661	1.655
B0157662	0.026
B0157663	0.039
B0157664	0.018
B0157665	0.007
B0157666	0.046
B0157667	<0.005
B0157668	0.411
B0157669	0.493
B0157670	0.03
B0157671	0.061
B0157672	0.02
B0157673	0.015
B0157674	0.093
B0157675	0.188
B0157676	3.75
B0157677	0.917
B0157678	0.236
B0157679	0.034
B0157680	0.722
B0157681	0.585
B0157682	0.737
B0157683	0.078
B0157684	0.029
B0157685	0.835
B0157686	0.214

B0157687
B0157688

0.258
0.039

TM20221120 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 86

DATE RECEIVED : 2020-09-30 DATE FINALIZED : 2020-11-20

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.753
OREAS 219	0.76
PMP-18	0.323
KIP-19	2.4
KIP-19	2.41
G313-5	6.93
BLANK	<0.005
BLANK	0.006
BLANK	0.005

TM20221120 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 86

DATE RECEIVED : 2020-09-30 DATE FINALIZED : 2020-11-20

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157616	<0.005
B0157616	<0.005
B0157636	0.068
B0157636	0.072
B0157656	0.071
B0157656	0.132

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83

Drillhole Summary

DDH ID	RN-20-13							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365691	5303550	397	20	-47	225.0
Purpose	Test down plunge continuity of gold mineralization from previous drilling							
Explanation	Wide section of alteration							
Start date	September 24, 2020							
End date	September 28, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	24 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	September 29, 2020	Assays Added	Nov 5, 2020					
Comments	55 Samples							
Comments	48 boxes of core							

BHID	From	To	Litho	Comment
RN-20-13	0.0	24.0	CAS	CASING-Overburden
RN-20-13	24.0	26.20	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained stromng sericite foliation.
RN-20-13	26.20	38.30	IVOLClaptuf	Intermediate Volcanic Breccia - Light grey with distinct tuff breccia sized clasts up to 6cm, angular. Clasts mod to strong foliated, non bedded. Clast felsic composition.
RN-20-13	38.30	70.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Local sections of grey fine argillite. 52.0-55.2 Siliceous section 1-3% qtz veins. 58.0-59.5 1`-3% qtz veins 59.5-60.5 Beige siliceous interval 62.0-63.2 siliceous interval
RN-20-13	70.00	80.50	IVOLC	Intermediate Volcanic Massive - Light - dark green green fine grained, with ditinct creamy white feldspar phenocrysts. Feldspar phenocrysts fractured ragged 1-8mm in size, not banded, not oriented. Local fine tuff beds/bamds.
RN-20-13	80.50	89.10	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Local sections of grey fine argillite.
RN-20-13	89.10	93.00	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. No feldspar phenocrysts. Distinct lapilli sized clasts, angular up 8mm in size.
RN-20-13	93.00	118.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Local sections of grey fine argillite. 107.2-108.0 10% dark grey veins
RN-20-13	118.00	128.70	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size.
RN-20-13	128.70	132.20	ALTZN	Alteration Zone weak - Slight increase in narrow qtz vein development, wallrock unaltered. 1-3% qtz veins Local patchy sericite

RN-20-13	132.20	135.00	ALTZNser	Alteration Zone Sericite - Light yellow strong sericite zone, silicified. 10-15% white qtz veins parallel and cross cutting 1% fine po and py.
RN-20-13	135.00	146.00	ALTZN	Alteration Zone Strong - Overall 3-5% qtz veins Local patchy sericite 135.0-139.0 15-20% qtz veins 1-3 po+py. 139.0-146.0 1-3% qtz veins crosscutting
RN-20-13	146.00	184.50	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. 157.0-159.0 1% qtz veins 166.0-165.5 10% qtz veins
RN-20-13	184.50	190.50	ALTZN	Alteration Zone weak - Slight increase in narrow qtz vein development, wallrock unaltered. 1-3% qtz veins Local patchy sericite
RN-20-13	190.50	205.00	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. 200.0-205.0 1-3% 1 cm wide crosscutting qtz veins
RN-20-13	205.00	221.20	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Local sections of grey fine argillite.
RN-20-13	221.20	225.00	IVOLClaptuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Breccia
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite
ARGgrph	Argillite graphitic
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNflt	Weak alteration silicification brittle fault with qtz veins
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-13	0	20	20.0	-47.0			Y	Y	As spotted in field.
RN-20-13	35	29.3	20.3	-47.9	55977		Y	Y	
RN-20-13	87.0	31	22.0	-46.5	55759		Y	Y	
RN-20-13	135.0	32.4	23.4	-44.7	55701		Y	Y	
RN-20-13	189.0	33.7	24.7	-43.1	55560		Y	Y	
RN-20-13	225.0	34.3	25.3	-41.1	55591		Y	Y	

BHID	Depth	MS	Lith	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-13	24.5		0.11 IVOLCarg	
RN-20-13	26.0		0.25 IVOLCarg	
RN-20-13	32.5		0.22 IVOLClaptuf	
RN-20-13	36.5		0.24 IVOLClaptuf	
RN-20-13	43.7		0.07 IVOLCarg	
RN-20-13	49.5		0.06 IVOLCarg	
RN-20-13	55.0		0.27 IVOLCarg	
RN-20-13	60.5		0.07 IVOLCarg	
RN-20-13	71.0		0.10 IVOLC	
RN-20-13	76.5		0.07 IVOLC	
RN-20-13	82.0		0.13 IVOLCarg	
RN-20-13	91.0		0.17 IVOLCtuf	
RN-20-13	100.0		0.11 IVOLCarg	
RN-20-13	106.0		0.15 IVOLCarg	
RN-20-13	116.0		0.14 IVOLCarg	
RN-20-13	121.5		0.18 IVOLCtuf	
RN-20-13	MS-2		0.05	
RN-20-13	126.0		0.06 IVOLCtuf	
RN-20-13	129.0		0.16 ALTZN	
RN-20-13	132.0		0.15 ALTZN	
RN-20-13	135.0		0.22 ALTZNser	
RN-20-13	138.0		0.06 ALTZN	
RN-20-13	142.0		0.21 ALTZN	
RN-20-13	148.0		0.16 IVOLCtuf	
RN-20-13	152.0		0.12 IVOLCtuf	
RN-20-13	159.0		0.13 IVOLCtuf	
RN-20-13	168.0		0.13 IVOLCtuf	
RN-20-13	173.0		0.19 IVOLCtuf	
RN-20-13	MS-3		1.12	
RN-20-13	182.0		0.09 IVOLCtuf	
RN-20-13	188.0		0.18 ALTZN	
RN-20-13	199.0		0.06 IVOLCtuf	
RN-20-13	202.0		0.11 IVOLCtuf	
RN-20-13	209.0		0.13 IVOLCtuf	
RN-20-13	219.0		0.03 IVOLCtuf	
RN-20-13	225.0		0.07 IVOLCtuf	

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc	Ohaus Scout SIX 1502N/E Balance	Terraplas KT-5 Magnetic Susceptibility Meter
RN-20-13	Sept 29, 2020	Weight	185.00	185.27	185.27								
RN-20-13	Sept 29, 2020	SG-1	Jasper	366.94	366.93	366.94	232.04	232.02	232.03	2.72			
RN-20-13	Sept 29, 2020	93.00	IVOLCtuf	483.33	483.32	483.33	310.48	310.48	310.48	2.80			
RN-20-13	Sept 29, 2020	132.50	ALTZNser	162.82	162.81	162.82	103.07	103.07	103.07	2.73			
RN-20-13	Sept 29, 2020	173.00	IVOLCtuf	355.21	355.20	355.21	225.25	225.2	225.23	2.73			
RN-20-13	Sept 29, 2020	198.50	IVOLCtuf	244.49	244.48	244.49	153.72	153.69	153.71	2.69			
RN-20-13	Sept 29, 2020	224.00	IVOLCtuf	184.4	184.38	184.39	117.07	117.05	117.06	2.74			

BHID	Depth	Core Angle	DDH		Oriented Core		Calculated Values			Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
			Az	Dip	Alpha	Beta	Az	Dip							
RN-20-13	11.6	30									Bedding/Banding				
RN-20-13	17.0	30								Strong				Sericite	
RN-20-13	25.4	30									Argillite bedding				
RN-20-13	32.0	20									Argillite bedding				
RN-20-13	26.0	30								Strong					
RN-20-13	32.5	25									Clast alignment				
RN-20-13	53.5	30								Satrong					
RN-20-13	55.0	65										2 cm			
RN-20-13	82.0	30									Banding				
RN-20-13	93.0	25									Banding				
RN-20-13	117.0	35									Banding				
RN-20-13	127.5	35									Laminations				
RN-20-13	131.5	60										2 cm			
RN-20-13	132.0	60								Strong		5 cm			
RN-20-13	135.0	70								Strong		10 cm			
RN-20-13	136.0	80										50 cm			
RN-20-13	139.0	60								Mod					
RN-20-13	144.0	35													
RN-20-13	156.0	35									Clast alignment				
RN-20-13	167.0	25									Clast alignment				
RN-20-13	188.0	40									Clast alignment				
RN-20-13	216.0	40									Laminations				
RN-20-13	225.0	35									Banding				

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-13	0.0	24.0			Casing			
RN-20-13	24.0	27.0	2.8	2.2				
RN-20-13	27.0	30.0	2.9	1.7				
RN-20-13	30.0	33.0	2.9	2.4				
RN-20-13	33.0	36.0	3.0	2.8				
RN-20-13	36.0	39.0	3.0	2.4				
RN-20-13	39.0	42.0	3.0	2.3				
RN-20-13	42.0	45.0	3.0	2.8				
RN-20-13	45.0	48.0	3.0	2.1				
RN-20-13	48.0	51.0	3.0	2.2				
RN-20-13	51.0	54.0	3.0	2.5				
RN-20-13	54.0	57.0	3.0	2.8				
RN-20-13	57.0	60.0	3.0	2.9				
RN-20-13	60.0	63.0	3.0	2.9				
RN-20-13	63.0	66.0	3.0	2.7				
RN-20-13	66.0	69.0	3.0	2.7				
RN-20-13	69.0	72.0	3.0	3.0				
RN-20-13	72.0	75.0	3.0	2.9				
RN-20-13	75.0	78.0	3.0	3.0				
RN-20-13	78.0	81.0	3.0	2.6				
RN-20-13	81.0	84.0	3.0	2.9				
RN-20-13	84.0	87.0	3.0	2.9				
RN-20-13	87.0	90.0	3.0	2.6				
RN-20-13	90.0	93.0	3.0	2.9				
RN-20-13	93.0	96.0	3.0	3.0				
RN-20-13	96.0	99.0	3.0	2.0				
RN-20-13	99.0	102.0	3.0	2.4				
RN-20-13	102.0	105.0	3.0	2.8				
RN-20-13	105.0	108.0	3.0	2.8				
RN-20-13	108.0	111.0	3.0	2.9				
RN-20-13	111.0	114.0	3.0	1.9				
RN-20-13	114.0	117.0	3.0	2.9				
RN-20-13	117.0	120.0	3.0	2.8				
RN-20-13	120.0	123.0	3.0	2.9				
RN-20-13	123.0	126.0	3.0	2.5				
RN-20-13	126.0	129.0	3.0	2.6				
RN-20-13	129.0	132.0	3.0	2.9				
RN-20-13	132.0	135.0	3.0	2.9				
RN-20-13	135.0	138.0	3.0	2.7				
RN-20-13	138.0	141.0	3.0	2.9				
RN-20-13	141.0	144.0	3.0	2.8				
RN-20-13	144.0	147.0	3.0	2.5				
RN-20-13	147.0	150.0	3.0	2.9				
RN-20-13	150.0	153.0	3.0	2.7				
RN-20-13	153.0	156.0	3.0	2.8				
RN-20-13	156.0	159.0	3.0	2.7				

RN-20-13	159.0	162.0	3.0	2.7
RN-20-13	162.0	165.0	2.9	2.8
RN-20-13	165.0	168.0	3.0	2.9
RN-20-13	168.0	171.0	3.0	3.0
RN-20-13	171.0	174.0	3.0	2.8
RN-20-13	174.0	177.0	3.0	2.8
RN-20-13	177.0	180.0	3.0	2.9
RN-20-13	180.0	183.0	3.0	2.9
RN-20-13	183.0	186.0	3.0	2.7
RN-20-13	186.0	189.0	3.0	2.1
RN-20-13	189.0	192.0	3.0	2.6
RN-20-13	192.0	195.0	3.0	2.6
RN-20-13	195.0	198.0	3.0	3.0
RN-20-13	198.0	201.0	3.0	2.6
RN-20-13	201.0	204.0	3.0	2.8
RN-20-13	204.0	207.0	3.0	2.8
RN-20-13	207.0	210.0	3.0	2.9
RN-20-13	210.0	213.0	2.9	2.7
RN-20-13	213.0	216.0	3.0	2.6
RN-20-13	216.0	219.0	3.0	2.7
RN-20-13	219.0	222.0	3.0	2.8
RN-20-13	222.0	225.0	3.0	3.0

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

TM20221113 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 55

DATE RECEIVED : 2020-09-30 DATE FINALIZED : 2020-11-17

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23	Au-GRA21
	Au ppm	Au ppm
B0157689	0.087	
B0157690	0.011	
B0157691	0.334	
B0157692	0.154	
B0157693	0.036	
B0157694	<0.005	
B0157695	<0.005	
B0157696	0.013	
B0157697	0.033	
B0157698	0.039	
B0157699	0.009	
B0157700	<0.005	
B0157701	<0.005	
B0157702	8.59	
B0157703	0.005	
B0157704	<0.005	
B0157705	0.02	
B0157706	0.005	
B0157707	<0.005	
B0157708	0.069	
B0157709	0.609	
B0157710	0.752	
B0157711	5.36	
B0157712	>10.0	13.85
B0157713	1.36	
B0157714	1.15	
B0157715	0.273	
B0157716	1.405	
B0157717	0.502	
B0157718	3.39	
B0157719	0.747	
B0157720	3.39	
B0157721	0.43	
B0157722	0.112	
B0157723	0.005	
B0157724	0.114	
B0157725	0.048	

B0157726	0.467
B0157727	0.209
B0157728	0.254
B0157729	0.012
B0157730	0.04
B0157731	0.005
B0157732	0.007
B0157733	<0.005
B0157734	0.742
B0157735	<0.005
B0157736	<0.005
B0157737	0.019
B0157738	0.031
B0157739	0.012
B0157740	<0.005
B0157741	0.008
B0157742	0.026
B0157743	0.76

TM20221113 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 55

DATE RECEIVED : 2020-09-30 DATE FINALIZED : 2020-11-17

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE

DESCRIPTION

PMP-18

KIP-19

SQ48

G313-5

BLANK

BLANK

Au-AA23 Au-GRA21

Au Au

ppm ppm

0.31

2.4

30.6

7.3

<0.005

<0.05

TM20221113 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 55

DATE RECEIVED : 2020-09-30 DATE FINALIZED : 2020-11-17

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23	Au-GRA21
	Au ppm	Au ppm
B0157691	0.334	
B0157691	0.375	
B0157711	5.36	
B0157711	5.41	
B0157731	0.005	
B0157731	0.006	

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83

Drillhole Summary

DDH ID	RN-20-14							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365691	5303550	397	25	-67	336.0
Purpose	Test down plunge continuity of intersection							
Explanation	Hole failed to intersect projection of down plunge mineralization							
Start date	September 28, 2020							
End date	October 6, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shiningtree UTM 480620 5267550							
Casing	12 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	October 7 , 2020	Assays Added	Nov 23, 2020					
Comments	65 Samples							
Comments	78 boxes of core							

BHID	From	To	Litho	Comment
RN-20-14	0.0	12.0	CAS	CASING-Overburden
RN-20-14	12.0	50.10	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Very low core angle drilling down the core axis 31.0-33.0 broken blocky core. 32.5-38.8 white-grey narrow qtz veins cross cutting 1 cm wide.
RN-20-14	50.10	65.50	IVOLCtuf	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct feldspar/felsic clasts.
RN-20-14	65.50	129.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker grey bands. Rare widely space dark grey 5-10 cm wide dark black argillite bed. Low core angles throughout. 100.0-103.0 - Narrow black argillite beds at 10 deg to CA approx 10 cm wide. 117.3-122.5 Streong fabric in argillite possible SC fabric.
RN-20-14	129.00	130.50	IVOLCamyg	Intermediate Volcanics Amygduloidal flow Dark green with distinct dark grey 3mm amygdules with light grey rims. 4 Abrupt upper and lower contacts.
RN-20-14	130.50	132.50	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Rare widely space dark grey 5-10 cm wide dark argillite bed.
RN-20-14	132.50	146.00	IVOLC	Intermediate Volcanics - Medium grey massive with rare scattered laminated interbed. Rare lapilli clast. Broken blocky core.
RN-20-14	146.00	156.50	ALTZN	Alteration Zone quartz veins only- Intermediate volcanic with weak 1-3% quartz veins. Wall rock is not altered Local concentration of crosscutting veins.
RN-20-14	156.50	168.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Rare widely space dark grey 5-10 cm wide dark argillite bed. 159.5-159.7 qtatz vein in disrupted black arg beds
RN-20-14	168.00	171.00	ALTZNflt	Alteration Zone quartz veins only- Argillite bands/beds black fault disrupted with 3-5% cross cutting qtz veins. Veins 1 cm wide

RN-20-14	171.00	175.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Rare widely space dark grey 1-5 cm wide dark black argillite bed.
RN-20-14	175.00	186.50	IVOLCtuf	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct feldspar/felsic ash size fragments. Poor bedding. 176-179 1% qtz veins
RN-20-14	186.50	192.50	IVOLClaptuf	Intermediate Volcanic tuff breccia - Distinct lappi sized clasts up to 3 cm. Unsorted, no banding bedding. Sharp upper and lower contacts.
RN-20-14	192.50	199.50	IVOLCtuf	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct feldspar/felsic ash size fragments. Poor bedding.
RN-20-14	199.50	203.00	IVOLClaptuf	Intermediate Volcanic tuff breccia - Distinct lappi sized clasts up to 3 cm. Unsorted, no banding bedding. Sharp upper and lower contacts.
RN-20-14	203.00	222.80	IVOLCtuf	Intermediate Volcanic Massive - Light - dark green green fine grained, with distinct feldspar/felsic ash size fragments. Poor bedding. 215.6-217.0 narrow tuff breccia interbed.
RN-20-14	222.80	244.60	IVOLClaptuf	Intermediate Volcanic tuff breccia - Distinct lappi sized clasts up to 3 cm. Unsorted, no banding bedding. Sharp upper and lower contacts.
RN-20-14	244.60	249.60	IVOLCblk	Intermediate Volcanic Black Argiullite - Dark black fine grained laminated well beded fine argillite. Upper contact gradational from grey fine argillite. Magnetic.
RN-20-14	249.60	255.00	ALTZN	Alteration Zone - Weak alteration, quartz veins increase no wallrock alteration. 1-3% qtz veins cross cutting
RN-20-14	255.00	264.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Local sections of grey fine argillite. 256.0-258. Light buff cherty siliceous bands.
RN-20-14	264.00	271.60	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Unit is hard > 5

RN-20-14	271.60	282.00	IVOLClaptuf	Intermediate Volcanic lapilli tuff breccia - Distinct lappi sized clasts up to 3 cm. Unsorted, no banding bedding. Sharp upper and lower contacts. 276.4-279.6 Fine tuff interbed
RN-20-14	282.00	294.20	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Narrow laminated intervals 283.0-286.4 Coarse lapilli tuff interbed.
RN-20-14	294.20	300.50	IVOLClaptuf	Intermediate Volcanic lapilli tuff breccia - Distinct lappi sized clasts up to 3 cm. Unsorted, no banding bedding. Sharp upper and lower contacts.
RN-20-14	300.50	312.60	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained with distinct well banded/bedded texture suggesting finer tuff material. Local sections of black fine laminated argillite interbeds.
RN-20-14	312.60	327.00	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Narrow laminated intervals
RN-20-14	327.00	336.00	IVOLCtuf	Intermediate Volcanic Lapilli Tuff- Light green fine grained weakly foliated. Distinct lapilli sized clasts, angular up 8mm in size. Narrow laminated intervals 325-330 Weak increase in vein density . 1%

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Breccia
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNft	
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-14	0	25	25.0	-67.0			Y	Y	As spotted in field.
RN-20-14	24	32.4	23.4	-66.5	55723		Y	Y	
RN-20-14	75.0	32.7	23.7	-65.1	55427		Y	Y	
RN-20-14	126.0	34.7	25.7	-62.5	55416		Y	Y	
RN-20-14	177.0	35.5	26.5	-62.3	55384		Y	Y	
RN-20-14	228.0	36.6	27.6	-60.0	55312		Y	Y	
RN-20-14	279.0	37.4	28.4	-58.7	55355		Y	Y	
RN-20-14	330.0	39.8	30.8	-57.6	55478		Y	Y	

BHID	Depth	MS	Lith	<i>Terraplug KT-5 Magnetic Susceptibility Meter</i>
RN-20-14	17.2		0.10 IVOLCarg	
RN-20-14	24.0		0.12 IVOLCarg	
RN-20-14	28.0		0.08 IVOLCarg	
RN-20-14	36.0		0.18 IVOLCarg	
RN-20-14	40.0		0.15 IVOLCarg	
RN-20-14	44.0		0.21 IVOLCarg	
RN-20-14	45.0		0.18 IVOLCarg	
RN-20-14	46.0		0.30 IVOLCarg	
RN-20-14	48.0		0.01 IVOLCarg	
RN-20-14	49.0		0.11 IVOLCarg	
RN-20-14	MS-3		1.08	
RN-20-14	52.0		0.13 IVOLCtuf	
RN-20-14	53.0		0.30 IVOLCtuf	
RN-20-14	54.0		0.40 IVOLCtuf	
RN-20-14	55.0		0.19 IVOLCtuf	
RN-20-14	57.0		0.24 IVOLCtuf	
RN-20-14	59.5		0.26 IVOLCtuf	
RN-20-14	61.0		0.15 IVOLCtuf	
RN-20-14	62.5		0.20 IVOLCtuf	
RN-20-14	65.0		0.07 IVOLCtuf	
RN-20-14	69.0		0.14 IVOLCarg	
RN-20-14	73.0		0.21 IVOLCarg	
RN-20-14	77.0		0.11 IVOLCarg	
RN-20-14	81.5		0.02 IVOLCarg	
RN-20-14	MS-4		24.10	
RN-20-14	83.5		0.19 IVOLCarg	
RN-20-14	86.0		0.17 IVOLCarg	
RN-20-14	90.0		0.18 IVOLCarg	
RN-20-14	95.0		0.14 IVOLCarg	
RN-20-14	97.5		0.12 IVOLCarg	
RN-20-14	102.0		0.09 IVOLCarg	
RN-20-14	107.5		0.16 IVOLCarg	
RN-20-14	114.0		0.06 IVOLCarg	
RN-20-14	121.0		0.04 IVOLCarg	
RN-20-14	126.0		0.10 IVOLCarg	
RN-20-14	130.0		0.17 IVOLCamyg	
RN-20-14	136.0		0.03 IVOLC	
RN-20-14	MS-2		0.04	
RN-20-14	143.0		0.08 IVOLC	
RN-20-14	150.0		0.11 ALTZNqtz	
RN-20-14	156.5		0.05 ALTZNqtz	
RN-20-14	159.0		0.21 IVOLCarg	
RN-20-14	164.5		0.20 IVOLCarg	
RN-20-14	171.0		0.14 ALTZNqtz	
RN-20-14	176.5		0.16 IVOLCtuf	
RN-20-14	180.0		0.17 IVOLCtuf	

RN-20-14	183.0	0.08	IVOLCtuf
RN-20-14	187.2	0.27	IVOLClaptuf
RN-20-14	190.0	0.27	IVOLClaptuf
RN-20-14	193.0	0.22	IVOLCtuf
RN-20-14	196.0	0.32	IVOLCtuf
RN-20-14	209.0	0.17	IVOLCtuf
RN-20-14	216.0	0.18	IVOLCtuf
RN-20-14	221.0	0.12	IVOLCtuf
RN-20-14	223.5	0.30	IVOLCtuf
RN-20-14	226.5	0.28	IVOLCtuf
RN-20-14	231.0	0.33	IVOLClaptuf
RN-20-14	MS-2	0.07	
RN-20-14	235.0	0.24	IVOLClaptuf
RN-20-14	238.0	0.22	IVOLClaptuf
RN-20-14	242.0	0.12	IVOLClaptuf
RN-20-14	245.0	0.19	IVOLCblk
RN-20-14	246.5	0.22	IVOLCblk
RN-20-14	247.2	0.57	IVOLCblk
RN-20-14	248.0	0.87	IVOLCblk
RN-20-14	249.0	0.19	IVOLCblk
RN-20-14	251.0	0.08	ALTZN
RN-20-14	252.0	0.22	ALTZN
RN-20-14	255.0	0.21	ALTZN
RN-20-14	259.0	0.24	IVOLCarg
RN-20-14	261.0	0.26	IVOLCarg
RN-20-14	MS-1	73.10	
RN-20-14	265.0	0.27	IVOLCtuf
RN-20-14	271.0	0.19	IVOLCtuf
RN-20-14	275.0	0.20	IVOLClaptuf
RN-20-14	280.6	0.24	IVOLClaptuf
RN-20-14	285.0	0.20	IVOLCtuf
RN-20-14	291.5	0.21	IVOLCtuf
RN-20-14	297.0	0.15	IVOLClaptuf
RN-20-14	301.0	0.67	IVOLCarg
RN-20-14	303.0	0.28	IVOLCarg
RN-20-14	305.0	0.24	IVOLCarg
RN-20-14	309.5	0.23	IVOLCarg
RN-20-14	315.0	0.28	IVOLCarg
RN-20-14	318.0	0.29	IVOLCarg
RN-20-14	322.5	0.27	IVOLCarg
RN-20-14	MS-3	1.05	
RN-20-14	331.0	0.20	IVOLCtuf

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc	<i>Ohaus Scout SIX 1502N/E Balance</i>	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-14	October 2, 2020	Weight	20.00	20.03	20.02	20.03							
RN-20-14	October 2, 2020	SG-4	Glass	273.67	273.68	273.68	163.67	163.78	163.73	2.49			
RN-20-14	October 2, 2020	67.00	IVOLCarg	302.67	302.66	302.67	191.77	181.75	186.76	2.61			
RN-20-14	October 2, 2020	126.00	IVOLCarg	159.48	159.48	159.48	99.81	99.81	99.81	2.67			
RN-20-14	October 2, 2020	140.50	IVOLC	275.28	275.22	275.25	172.99	172.94	172.97	2.69			
RN-20-14	October 2, 2020	170.40	ALTZNqtz	182.83	182.82	182.83	116.34	116.33	116.34	2.75			
RN-20-14	October 2, 2020	182.00	IVOLCtuf	393.37	393.37	393.37	249.82	249.78	249.80	2.74			
RN-20-14	October 2, 2020	188.50	IVOLCbrec	267.59	267.59	267.59	173.87	173.87	173.87	2.86			
RN-20-14	October 5, 2020	228.50	IVOLCtuf	466.68	466.70	466.69	305.54	305.52	305.53	2.90			
RN-20-14	October 6, 2020	247.50	IVOLCblk	362.74	362.73	362.74	233.81	233.81	233.81	2.81			
RN-20-14	October 6, 2020	264.00	IVOLCarg	404.74	404.74	404.74	262.73	262.72	262.725	2.85			
RN-20-14	October 6, 2020	275.00	IVOLCbrec	383.46	383.45	383.455	246.64	246.65	246.645	2.80			
RN-20-14	October 7, 2020	327.00	IVOLCtuf	426.6	426.6	426.6	276.34	276.34	276.34	2.84			

BHID	Depth	Core Angle	DDH		Oriented Core		Calculated Values			Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
			Az	Dip	Alpha	Beta	Az	Dip							
RN-20-14	15.0	15									Laminations				
RN-20-14	17.0	10									Laminations			Sericite	
RN-20-14	22.0	5									Laminations				
RN-20-14	24.0	5									Laminations				
RN-20-14	31.0	0									Laminations				
RN-20-14	35.0	0									Laminations				
RN-20-14	38.0	10									Laminations				
RN-20-14	41.0	10									Laminations				
RN-20-14	48.0	20							Sharp						
RN-20-14	50.1	15							Sharp						
RN-20-14	65.6	20									Laminations				
RN-20-14	71.0	20									Laminations				
RN-20-14	77.5	25									Laminations				
RN-20-14	93.0	25									Laminations				
RN-20-14	103.0	20									Laminations				
RN-20-14	119.5	20									Laminations				
RN-20-14	128.0	20									Laminations				
RN-20-14	132.5	30									Laminations				
RN-20-14	144.9	75										2 cm			
RN-20-14	150.2	70										1 cm			
RN-20-14	159.5	50									Mod	10 cm			
RN-20-14	168.5	15									Laminations				
RN-20-14	170.0	80										1 cm			
RN-20-14	176.50	50										2 cm			
RN-20-14	186.50	10							Sharp						
RN-20-14	188.50	20									Clast Alignment				
RN-20-14	192.00	10							Sharp						
RN-20-14	198.00	15									Laminations				
RN-20-14	201.50	20								Weak					
RN-20-14	216.00	20									Banding				
RN-20-14	222.70	15							Sharp						
RN-20-14	239.00	25									Clast Alignment				

RN-20-14	247.00	20
RN-20-14	248.30	15
RN-20-14	255.00	25
RN-20-14	271.80	60
RN-20-14	276.00	20
RN-20-14	285.00	30
RN-20-14	291.00	45
RN-20-14	301.00	35
RN-20-14	312.00	30
RN-20-14	327.00	30

Sharp

Bedding
Laminations
Banding

Clast Alignment
Laminations
Laminations
Banding

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-14	0.0	12.0			Casing			
RN-20-14	12.0	15.0	1.2	0.8				
RN-20-14	15.0	18.0	2.8	1.1				
RN-20-14	18.0	21.0	2.9	0.6				
RN-20-14	21.0	24.0	3.0	1.2				
RN-20-14	24.0	27.0	2.9	2.2				
RN-20-14	27.0	30.0	2.9	2.1				
RN-20-14	30.0	33.0	2.8	1.8				
RN-20-14	33.0	36.0	3.0	2.7				
RN-20-14	36.0	39.0	3.0	2.5				
RN-20-14	39.0	42.0	3.0	1.8				
RN-20-14	42.0	45.0	2.9	0.8				
RN-20-14	45.0	48.0	3.0	2.0				
RN-20-14	48.0	51.0	3.0	2.3				
RN-20-14	51.0	54.0	3.0	2.8				
RN-20-14	54.0	57.0	3.0	3.0				
RN-20-14	57.0	60.0	3.0	2.9				
RN-20-14	60.0	63.0	3.0	3.0				
RN-20-14	63.0	66.0	2.9	2.7				
RN-20-14	66.0	69.0	3.0	2.3				
RN-20-14	69.0	72.0	2.9	1.8				
RN-20-14	72.0	75.0	2.9	0.9				
RN-20-14	75.0	78.0	3.0	2.1				
RN-20-14	78.0	81.0	3.0	2.8				
RN-20-14	81.0	84.0	3.0	2.7				
RN-20-14	84.0	87.0	3.0	2.9				
RN-20-14	87.0	90.0	3.0	3.0				
RN-20-14	90.0	93.0	3.0	2.9				
RN-20-14	93.0	96.0	3.0	3.0				
RN-20-14	96.0	99.0	3.0	2.6				
RN-20-14	99.0	102.0	3.0	2.7				
RN-20-14	102.0	105.0	3.0	2.7				
RN-20-14	105.0	108.0	3.0	3.0				
RN-20-14	108.0	111.0	3.0	2.6				
RN-20-14	111.0	114.0	3.0	2.7				
RN-20-14	114.0	117.0	3.0	2.6				
RN-20-14	117.0	120.0	3.0	2.8				
RN-20-14	120.0	123.0	3.0	2.4				
RN-20-14	123.0	126.0	2.9	0.8				
RN-20-14	126.0	129.0	2.9	2.2				
RN-20-14	129.0	132.0	3.0	2.8				
RN-20-14	132.0	135.0	3.0	3.0				
RN-20-14	135.0	138.0	2.9	2.7				
RN-20-14	138.0	141.0	2.9	2.5				
RN-20-14	141.0	144.0	3.0	2.7				
RN-20-14	144.0	147.0	3.0	2.5				

RN-20-14	147.0	150.0	3.0	2.5
RN-20-14	150.0	153.0	2.9	2.2
RN-20-14	153.0	156.0	3.0	1.3
RN-20-14	156.0	159.0	3.0	2.4
RN-20-14	159.0	162.0	3.0	2.6
RN-20-14	162.0	165.0	2.8	0.8
RN-20-14	165.0	168.0	3.0	1.6
RN-20-14	168.0	171.0	2.9	1.7
RN-20-14	171.0	174.0	2.9	0.9
RN-20-14	174.0	177.0	3.0	1.0
RN-20-14	177.0	180.0	3.0	2.1
RN-20-14	180.0	183.0	3.0	2.2
RN-20-14	183.0	186.0	3.0	1.2
RN-20-14	186.0	189.0	3.0	2.9
RN-20-14	189.0	192.0	3.0	3.0
RN-20-14	192.0	195.0	3.0	2.9
RN-20-14	195.0	198.0	3.0	2.8
RN-20-14	198.0	201.0	3.0	3.0
RN-20-14	201.0	204.0	3.0	3.0
RN-20-14	204.0	207.0	3.0	2.9
RN-20-14	207.0	210.0	3.0	2.8
RN-20-14	210.0	213.0	3.0	2.8
RN-20-14	213.0	216.0	3.0	2.7
RN-20-14	216.0	219.0	3.0	2.6
RN-20-14	219.0	222.0	3.0	2.6
RN-20-14	222.0	225.0	2.8	1.8
RN-20-14	225.0	228.0	2.9	2.6
RN-20-14	228.0	231.0	3.0	3.0
RN-20-14	231.0	234.0	3.0	2.9
RN-20-14	234.0	237.0	3.0	2.9
RN-20-14	237.0	240.0	3.0	2.1
RN-20-14	240.0	243.0	3.0	2.8
RN-20-14	243.0	246.0	3.0	2.9
RN-20-14	246.0	249.0	3.0	1.4
RN-20-14	249.0	252.0	2.9	1.7
RN-20-14	252.0	255.0	3.0	2.6
RN-20-14	255.0	258.0	3.0	2.7
RN-20-14	258.0	261.0	3.0	2.7
RN-20-14	261.0	264.0	3.0	2.7
RN-20-14	264.0	267.0	3.0	2.8
RN-20-14	267.0	270.0	3.0	2.9
RN-20-14	270.0	273.0	3.0	2.8
RN-20-14	273.0	276.0	3.0	2.9
RN-20-14	276.0	279.0	3.0	2.9
RN-20-14	279.0	282.0	3.0	3.0
RN-20-14	282.0	285.0	3.0	2.7
RN-20-14	285.0	288.0	3.0	1.9

RN-20-14	288.0	291.0	2.9	2.3
RN-20-14	291.0	294.0	3.0	2.9
RN-20-14	294.0	297.0	3.0	1.7
RN-20-14	297.0	300.0	3.0	2.8
RN-20-14	300.0	303.0	3.0	2.7
RN-20-14	303.0	306.0	3.0	2.2
RN-20-14	306.0	309.0	3.0	3.0
RN-20-14	309.0	312.0	3.0	2.1
RN-20-14	312.0	315.0	3.0	2.7
RN-20-14	315.0	318.0	3.0	3.0
RN-20-14	318.0	321.0	3.0	3.0
RN-20-14	321.0	324.0	3.0	3.0
RN-20-14	324.0	327.0	3.0	2.8
RN-20-14	327.0	330.0	3.0	3.0
RN-20-14	330.0	333.0	3.0	3.0
RN-20-14	333.0	336.0	3.0	2.8

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Stand/blank	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm	Certified Value
RN-20-14	B0157744	32.00	33.00	1.00		IVOLCarg		1		B0157744	<0.005	
RN-20-14	B0157745	33.00	34.00	1.00		IVOLCarg		5		B0157745	<0.005	
RN-20-14	B0157746	34.00	35.00	1.00		IVOLCarg		1		B0157746	<0.005	
RN-20-14	B0157747	35.00	36.00	1.00		IVOLCarg		3		B0157747	<0.005	
RN-20-14	B0157748	36.00	37.00	1.00		IVOLCarg		5		B0157748	<0.005	
RN-20-14	B0157749	37.00	38.00	1.00		IVOLCarg		1		B0157749	<0.005	
RN-20-14	B0157750	53.00	54.00	1.00		IVOLCtuf		5		B0157750	<0.005	
RN-20-14	B0157751	54.00	55.00	1.00		IVOLCtuf		3		B0157751	0.005	
RN-20-14	B0157752	55.00	56.00	1.00		IVOLCtuf		25		B0157752	<0.005	
RN-20-14	B0157753	56.00	57.00	1.00		IVOLCtuf		10		B0157753	0.005	
RN-20-14	B0157754	57.00	58.00	1.00		IVOLCtuf		5		B0157754	0.007	
RN-20-14	B0157755	58.00	59.00	1.00		IVOLCtuf		2		B0157755	0.005	
RN-20-14	B0157756	132.50	133.50	1.00		IVOLC		1		B0157756	0.041	
RN-20-14	B0157757				Blank					B0157757	<0.005	0
RN-20-14	B0157758	133.50	134.50	1.00		IVOLC		5		B0157758	<0.005	
RN-20-14	B0157759	134.50	135.50	1.00		IVOLC		1		B0157759	0.006	
RN-20-14	B0157760	146.00	147.00	1.00		ALTZN		1		B0157760	<0.005	
RN-20-14	B0157761	147.00	148.00	1.00		ALTZN		3		B0157761	<0.005	
RN-20-14	B0157762	148.00	149.00	1.00		ALTZN				B0157762	<0.005	
RN-20-14	B0157763				OREAS 219					B0157763	0.748	0.76
RN-20-14	B0157764	149.00	150.00	1.00		ALTZN		1		B0157764	<0.005	
RN-20-14	B0157765	150.00	151.00	1.00		ALTZN		5		B0157765	<0.005	
RN-20-14	B0157766	151.00	152.00	1.00		ALTZN		5		B0157766	<0.005	
RN-20-14	B0157767	152.00	153.00	1.00		ALTZN		1		B0157767	<0.005	
RN-20-14	B0157768				Blank					B0157768	0.007	0
RN-20-14	B0157769	153.00	154.00	1.00		ALTZN		1		B0157769	<0.005	
RN-20-14	B0157770	154.00	155.00	1.00		ALTZN		1		B0157770	<0.005	
RN-20-14	B0157771	155.00	156.50	1.50		ALTZN		3		B0157771	0.005	
RN-20-14	B0157772	156.50	157.50	1.00		IVOLCarg		1		B0157772	<0.005	
RN-20-14	B0157773	157.50	158.50	1.00		IVOLCarg				B0157773	<0.005	
RN-20-14	B0157774	158.50	159.50	1.00		IVOLCarg		3		B0157774	<0.005	
RN-20-14	B0157775	159.50	160.50	1.00		IVOLCarg		3		B0157775	<0.005	

RN-20-14	B0157776	167.00	168.00	1.00		IVOLCarg	1	B0157776	<0.005	
RN-20-14	B0157777	168.00	169.00	1.00		ALTZNflt	1	B0157777	0.005	
RN-20-14	B0157778	169.00	170.00	1.00		ALTZNflt	1	B0157778	<0.005	
RN-20-14	B0157779	170.00	171.00	1.00		ALTZNflt	5	B0157779	<0.005	
RN-20-14	B0157780	171.00	172.00	1.00		ALTZNflt		B0157780	<0.005	
RN-20-14	B0157781	235.00	236.00	1.00		IVOLClaptuf	1	B0157781	<0.005	
RN-20-14	B0157782	236.00	237.00	1.00		IVOLClaptuf		B0157782	<0.005	
RN-20-14	B0157783	237.00	238.00	1.00		IVOLClaptuf	3	B0157783	<0.005	
RN-20-14	B0157784	238.00	239.50	1.50		IVOLClaptuf	1	B0157784	0.009	
RN-20-14	B0157785	239.50	241.00	1.50		IVOLClaptuf	3	B0157785	<0.005	
RN-20-14	B0157786	241.00	242.00	1.00		IVOLClaptuf	3	B0157786	0.005	
RN-20-14	B0157787				OREAS 219			B0157787	0.757	0.76
RN-20-14	B0157788	242.00	243.00	1.00		IVOLClaptuf	2	B0157788	<0.005	
RN-20-14	B0157789	248.50	249.60	1.10		IVOLCblk	1	B0157789	0.121	
RN-20-14	B0157790	249.60	250.50	0.90		ALTZN	10	B0157790	4.24	
RN-20-14	B0157791	250.50	251.50	1.00		ALTZN	5	B0157791	0.011	
RN-20-14	B0157792	251.50	252.50	1.00		ALTZN	3	B0157792	0.007	
RN-20-14	B0157793	252.50	253.50	1.00		ALTZN	3	B0157793	<0.005	
RN-20-14	B0157794				Blank			B0157794	0.008	0
RN-20-14	B0157795	253.50	254.50	1.00		ALTZN	10	B0157795	<0.005	
RN-20-14	B0157796	254.50	255.00	0.50		ALTZN	1	B0157796	<0.005	
RN-20-14	B0157797	255.00	256.00	1.00		IVOLCarg		B0157797	0.024	
RN-20-14	B0157798	256.00	257.00	1.00		IVOLCarg		B0157798	<0.005	
RN-20-14	B0157799	257.00	258.00	1.00		IVOLCarg		B0157799	<0.005	
RN-20-14	B0157800	324.00	325.00	1.00		IVOLCtuf	2	B0157800	0.021	
RN-20-14	B0157801	325.00	326.00	1.00		IVOLCtuf	2	B0157801	0.008	
RN-20-14	B0157802	326.00	327.00	1.00		IVOLCtuf	1	B0157802	0.005	
RN-20-14	B0157803	327.00	328.00	1.00		IVOLCtuf	3	B0157803	<0.005	
RN-20-14	B0157804	328.00	329.00	1.00		IVOLCtuf	5	B0157804	<0.005	
RN-20-14	B0157805				Blank			B0157805	0.005	
RN-20-14	B0157806	329.00	330.00	1.00		IVOLCtuf		B0157806	<0.005	
RN-20-14	B0157807	330.00	331.00	1.00		IVOLCtuf		B0157807	<0.005	
RN-20-14	B0157808	331.00	332.00	1.00		IVOLCtuf		B0157808	<0.005	

TM20227206 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 65

DATE RECEIVED : 2020-10-07 DATE FINALIZED : 2020-11-23

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157744	<0.005
B0157745	<0.005
B0157746	<0.005
B0157747	<0.005
B0157748	<0.005
B0157749	<0.005
B0157750	<0.005
B0157751	0.005
B0157752	<0.005
B0157753	0.005
B0157754	0.007
B0157755	0.005
B0157756	0.041
B0157757	<0.005
B0157758	<0.005
B0157759	0.006
B0157760	<0.005
B0157761	<0.005
B0157762	<0.005
B0157763	0.748
B0157764	<0.005
B0157765	<0.005
B0157766	<0.005
B0157767	<0.005
B0157768	0.007
B0157769	<0.005
B0157770	<0.005
B0157771	0.005
B0157772	<0.005
B0157773	<0.005
B0157774	<0.005
B0157775	<0.005
B0157776	<0.005
B0157777	0.005
B0157778	<0.005
B0157779	<0.005
B0157780	<0.005

B0157781	<0.005
B0157782	<0.005
B0157783	<0.005
B0157784	0.009
B0157785	<0.005
B0157786	0.005
B0157787	0.757
B0157788	<0.005
B0157789	0.121
B0157790	4.24
B0157791	0.011
B0157792	0.007
B0157793	<0.005
B0157794	0.008
B0157795	<0.005
B0157796	<0.005
B0157797	0.024
B0157798	<0.005
B0157799	<0.005
B0157800	0.021
B0157801	0.008
B0157802	0.005
B0157803	<0.005
B0157804	<0.005
B0157805	0.005
B0157806	<0.005
B0157807	<0.005
B0157808	<0.005

TM20227206 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 65

DATE RECEIVED : 2020-10-07 DATE FINALIZED : 2020-11-23

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE

DESCRIPTION

OREAS 219

KIP-19

BLANK

Au-AA23

Au

ppm

0.752

2.48

<0.005

TM20227206 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 65

DATE RECEIVED : 2020-10-07 DATE FINALIZED : 2020-11-23

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157753	0.005
B0157753	<0.005
B0157773	<0.005
B0157773	<0.005
B0157793	<0.005
B0157793	<0.005

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83

Drillhole Summary

DDH ID	RN-20-15							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	129236,303077,322595	17U	365858	5303482	397	25	-60	330.0
Purpose	Test magnetic low signature east and continuous with Raney Zone							
Explanation	Some sections of alteration							
Start date	October 7, 2020							
End date	October 19, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	33 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	October 21 , 2020	Assays Added	Dec. 21, 2020					
Comments	109 samples							
Comments	74 boxes of core							

BHID	From	To	Litho	Comment
RN-20-15	0.0	30.0	CAS	CASING-Overburden
RN-20-15	30.0	35.60	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Very low core angle drilling down the core axis Invreasing brecciated broken banding towards lower contact.
RN-20-15	35.60	63.00	FP	Quartz Porphyry ? - Light grey-green with moderate to strong foliation. Sericite/chlorite matrix with hazy grey quartz-feldspar lithons. Outlines poorly defined. Unit is hard > 5. Grey quartz eyes more rounded 1-5mm. Does not have a distinct crystalline texture, fined siliceous groundmass. 35.6-41.0 Mottled brecciated with slight increase in sericite and 2% quatz veins. Rare grain py.
RN-20-15	63.00	92.50	SERCHLORSCH	Sericite Chlorite Schist - Light grey strongly foiliated qtz ser chlor schist. Scattered 1-8mm round qtz grains, not eyes round. Abrupt change from upper unit. No HCL fizz. Sheared fine tuffs ?
RN-20-15	92.50	100.00	CHLORSERSCH	Chlorite Sericite Schist - Similar to above unit, strong foliation with darker intervals representing strongly foliated grey argillite beds.
RN-20-15	100.00	114.00	SERCHLORSCH	Sericite Chlorite Schist - Light grey strongly foiliated qtz ser chlor schist. Scattered 1-8mm round qtz grains, not eyes round. Abrupt change from upper unit. No HCL fizz. Sheared fine tuffs ?
RN-20-15	114.00	118.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Very low core angle drilling down the core axis
RN-20-15	118.00	124.80	SERCHLORSCH	Sericite Chlorite Schist - Light grey strongly foiliated qtz ser chlor schist. Scattered 1-8mm round qtz grains, not eyes round. Abrupt change from upper unit. No HCL fizz. Sheared fine tuffs ?
RN-20-15	124.80	146.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands. Very low core angle drilling down the core axis
RN-20-15	146.00	172.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands. Very low core angle drilling down the core axis
RN-20-15	172.00	197.00	ALTZN	Alteration Zone/Intermediate volcanic tuff - Grey silicified mottled textyure with wispy mm sericite stringers. Blue tint, lapilli clasts not defined. No crystalline texture. Hardness >6 1-2% py

RN-20-15	197.00	208.20	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands. Very low core angle drilling down the core axis
RN-20-15	208.20	220.00	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Grey green with distinct felsic lapilli clasts up to 3 cm, slight foliated.
RN-20-15	220.00	227.30	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands.
RN-20-15	227.30	239.50	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Grey green with distinct felsic lapilli clasts up to 3 cm, slight foliated. 227.3-229.5 3-5% quartz veins
RN-20-15	239.50	257.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. 256.6-257.0 Black argillite bands
RN-20-15	257.00	260.70	ALTZN	Alteration Zone weak alteration of intermediate volcanic tuff - Grey silicified mottled texture with wispy mm sericite stringers. 3-5% white qtz veins up to 10 cm wide. 258.0-258.4 Mottled grey vein 1-3% py.
RN-20-15	260.70	267.30	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Clasts up to 1cm fine po and py in narrow stringers.
RN-20-15	267.30	270.50	IVOLC	Intermediate Volcanics - Massive intermediate volcanics, granular texture rare clast up to 1 cm.
RN-20-15	270.50	274.00	ALTZN	Alteration Zone weak alteration of intermediate volcanic tuff - 7-10% white qtz veins with 3-5% po py.
RN-20-15	274.00	286.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Granular groundmass.
RN-20-15	286.00	300.00	ALTZN	Alteration Zone weak very weak alteration of intermediate volcanic tuff 1-3% qtz vein cross cutting foliation.
RN-20-15	300.00	316.00	IVOLC	Intermediate Volcanics - Massive intermediate volcanics, granular texture rare clast up to 1 cm. 306.8-307.0 BBC
RN-20-15	316.00	322.50	ALTZN	Alteration Zone weak very weak alteration of intermediate volcanic tuff 1-3% qtz vein cross cutting foliation.
RN-20-15	322.50	330.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands. 325.5-325.7 narrow grey mottled qtz vein

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
QP	Quartz Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-15	0	25	25.0	-60.0			N	Y	As spotted in field.
RN-20-15	42	35.3	26.3	-58.4	556432		Y	Y	
RN-20-15	93	35.3	26.3	-54.6	55504		Y	Y	
RN-20-15	144.0	33.1	24.1	-50.1	56027		Y	Y	
RN-20-15	195.0	33.9	24.9	-45.9	55575		y	y	
RN-20-15	246.0	33.1	24.1	-40.8	55592		Y	Y	
RN-20-15	297.0	33.7	24.7	-38.9	55624		y	y	

BHID	Depth	MS	Lith	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-15	33.0		0.21 IVOLCarg	
RN-20-15	39.0		0.08 QP	
RN-20-15	43.0		0.07 QP	
RN-20-15	48.0		0.09 QP	
RN-20-15	53.0		0.09 QP	
RN-20-15	59.0		0.08 QP	
RN-20-15	62.0		0.09 QP	
RN-20-15	63.5		0.09 SERCHLORSCH	
RN-20-15	67.0		0.08 SERCHLORSCH	
RN-20-15	70.0		0.09 SERCHLORSCH	
RN-20-15	74.0		0.08 SERCHLORSCH	
RN-20-15	80.0		0.00 SERCHLORSCH	
RN-20-15	82.0		0.18 SERCHLORSCH	
RN-20-15	MS-3		1.00	
RN-20-15	87.0		0.00 SERCHLORSCH	
RN-20-15	92.0		0.15 SERCHLORSCH	
RN-20-15	95.0		0.03 CHLORSERSCH	
RN-20-15	100.0		0.11 CHLORSERSCH	
RN-20-15	107.0		0.07 SERCHLORSCH	
RN-20-15	115.0		0.16 IVOLCarg	
RN-20-15	118.0		0.12 IVOLCarg	
RN-20-15	124.0		0.13 SERCHLORSCH	
RN-20-15	129.0		0.35 IVOLCarg	
RN-20-15	132.0		0.14 IVOLCarg	
RN-20-15	138.0		0.07 IVOLCarg	
RN-20-15	145.0		0.30 IVOLCarg	
RN-20-15	148.0		0.36 IVOLCarg	
RN-20-15	153.0		0.14 IVOLCarg	
RN-20-15	158.0		0.08 IVOLCarg	
RN-20-15	MS-4		23.40	
RN-20-15	165.0		0.34 IVOLCarg	
RN-20-15	171.0		0.11 IVOLCarg	
RN-20-15	174.0		0.07 ALTZN	
RN-20-15	178.0		0.08 ALTZN	
RN-20-15	182.0		0.09 ALTZN	
RN-20-15	186.0		0.04 ALTZN	
RN-20-15	189.0		0.08 ALTZN	
RN-20-15	193.0		0.07 ALTZN	
RN-20-15	196.0		0.08 ALTZN	
RN-20-15	200.0		0.09 IVOLCarg	
RN-20-15	202.5		0.04 IVOLCarg	
RN-20-15	208.0		0.18 IVOLCarg	
RN-20-15	215.0		0.23 IVOLClaptuf	
RN-20-15	MS-2		0.06	
RN-20-15	218.0		0.18 IVOLClaptuf	
RN-20-15	221.0		0.23 IVOLCarg	

RN-20-15	225.0	0.26	IVOLCarg
RN-20-15	228.0	0.25	IVOLClaptuf
RN-20-15	231.0	0.31	IVOLClaptuf
RN-20-15	234.0	0.21	IVOLClaptuf
RN-20-15	237.0	0.27	IVOLClaptuf
RN-20-15	242.5	0.17	IVOLCtuf
RN-20-15	249.5	0.09	IVOLCtuf
RN-20-15	255.0	0.34	IVOLCtuf
RN-20-15	260.0	0.17	IVOLCtuf
RN-20-15	265.0	0.13	IVOLCtuf
RN-20-15	MS-2	0.05	
RN-20-15	275.0	0.12	IVOLCtuf
RN-20-15	280.0	0.11	IVOLCtuf
RN-20-15	283.0	0.19	IVOLCtuf
RN-20-15	291.0	0.02	ALTZN
RN-20-15	293.0	0.11	ALTZN
RN-20-15	294.0	0.14	ALTZN
RN-20-15	295.0	0.10	ALTZN
RN-20-15	300.0	0.15	ALTZN
RN-20-15	MS-1	68.50	
RN-20-15	302.0	0.07	ALTZN
RN-20-15	303.0	0.21	ALTZN
RN-20-15	307.0	0.04	ALTZN
RN-20-15	314.0	0.09	ALTZN
RN-20-15	319.0	0.10	ALTZN
RN-20-15	323.0	0.05	IVOLCarg

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc	<i>Ohaus Scout SIX 1502N/E Balance</i>	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-15	October 10, 2020	Weight	75.00	75.12	75.10	75.11							
RN-20-15	October 10, 2020	31.50	IVOLCarg	209.86	209.87	209.87	133.78	133.74	133.76	2.76			
RN-20-15	October 10, 2020	44.50	QP	381.81	381.79	381.80	241.12	241.11	241.12	2.71			
RN-20-15	October 10, 2020	71.00	SERCHLOR ^s	305.8	305.77	305.79	193.86	193.81	193.84	2.73			
RN-20-15	October 10, 2020	87.00	SERCHLOR ^s	314.86	314.87	314.87	199.32	199.32	199.32	2.73			
RN-20-15	October 10, 2020	153.00	IVOLCarg	399.65	399.66	399.66	254.08	254.05	254.07	2.75			
RN-20-15	October 10, 2020	184.50	ALTZN	456.03	456.03	456.03	286.8	286.8	286.80	2.69			
RN-20-15	October 10, 2020	192.00	ALTZN	260.98	260.99	260.99	164.41	164.41	164.41	2.70			
RN-20-15	October 10, 2020	214.00	IVOLClaptu	236.24	236.25	236.25	151.64	151.64	151.64	2.79			

BHID	Depth	Core Angle	DDH		Oriented Core		Calculated Values			Foliation	Bedding/Banding	QV	Fault gouge	Comment
			Az	Dip	Alpha	Beta	Az	Dip	Contact					
RN-20-15	33.0	10												
RN-20-15	39.0	25								Moderate				
RN-20-15	47.0	35												
RN-20-15	57.0	30												
RN-20-15	66.0				35	35				Strong				
RN-20-15	72.0	25								Strong				
RN-20-15	80.0	20								Strong	Banding			
RN-20-15	105.0	25								Strong	Banding			
RN-20-15	116.0	20								Strong	Banding			
RN-20-15	138.0	15									Laminations			
RN-20-15	152.0	20									Banding			
RN-20-15	170.0	20									Banding			
RN-20-15	179.5	20								Weak				
RN-20-15	192.0	30								Weak				
RN-20-15	203.0	20									Laminations			
RN-20-15	208.0	40									Banding			
RN-20-15	215.0	45									Clast alignment			
RN-20-15	221.0	40								Moderate	Banding			
RN-20-15	230.0	30									Clast alignment			
RN-20-15	239.0	35								Weak				
RN-20-15	246.5	40									Laminations			
RN-20-15	257.0	35									Banding			
RN-20-15	265.0	35									Banding			
RN-20-15	294.00	30								Weak	Banding			
RN-20-15	297.00	30										10 cm		
RN-20-15	298.30	35									Banding			
RN-20-15	322.00	45								Weak				

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-15	0.0	30.0	Casing		Casing			
RN-20-15	30.0	33.0	2.8	1.3				
RN-20-15	33.0	36.0	3.0	2.4				
RN-20-15	36.0	39.0	2.9	2.2				
RN-20-15	39.0	42.0	3.0	2.7				
RN-20-15	42.0	45.0	3.0	2.8				
RN-20-15	45.0	48.0	3.0	2.9				
RN-20-15	48.0	51.0	3.0	0.8				
RN-20-15	51.0	54.0	3.0	2.1				
RN-20-15	54.0	57.0	3.0	1.1				
RN-20-15	57.0	60.0	3.0	0.8				
RN-20-15	60.0	63.0	2.9	0.8				
RN-20-15	63.0	66.0	2.9	1.3				
RN-20-15	66.0	69.0	2.9	1.3				
RN-20-15	69.0	72.0	3.0	2.1				
RN-20-15	72.0	75.0	2.8	1.8				
RN-20-15	75.0	78.0	2.7	1.0				
RN-20-15	78.0	81.0	2.9	2.1				
RN-20-15	81.0	84.0	3.0	2.6				
RN-20-15	84.0	87.0	3.0	1.1				
RN-20-15	87.0	90.0	2.9	1.8				
RN-20-15	90.0	93.0	3.0	2.8				
RN-20-15	93.0	96.0	3.0	2.7				
RN-20-15	96.0	99.0	3.0	2.8				
RN-20-15	99.0	102.0	3.0	2.7				
RN-20-15	102.0	105.0	3.0	2.8				
RN-20-15	105.0	108.0	3.0	2.7				
RN-20-15	108.0	111.0	2.9	2.5				
RN-20-15	111.0	114.0	2.8	0.9				
RN-20-15	114.0	117.0	3.0	1.8				
RN-20-15	117.0	120.0	3.0	3.0				
RN-20-15	120.0	123.0	3.0	2.7				
RN-20-15	123.0	126.0	3.0	3.0				
RN-20-15	126.0	129.0	3.0	2.5				
RN-20-15	129.0	132.0	3.0	2.6				
RN-20-15	132.0	135.0	3.0	2.7				
RN-20-15	135.0	138.0	3.0	2.4				
RN-20-15	138.0	141.0	3.0	2.9				
RN-20-15	141.0	144.0	3.0	2.9				
RN-20-15	144.0	147.0	3.0	2.8				
RN-20-15	147.0	150.0	3.0	2.9				
RN-20-15	150.0	153.0	3.0	3.0				
RN-20-15	153.0	156.0	3.0	3.0				
RN-20-15	156.0	159.0	3.0	3.0				
RN-20-15	159.0	162.0	3.0	2.6				
RN-20-15	162.0	165.0	3.0	2.1				

RN-20-15	165.0	168.0	3.0	1.7
RN-20-15	168.0	171.0	3.0	2.8
RN-20-15	171.0	174.0	3.0	2.8
RN-20-15	174.0	177.0	3.0	2.6
RN-20-15	177.0	180.0	3.0	2.5
RN-20-15	180.0	183.0	3.0	3.0
RN-20-15	183.0	186.0	3.0	3.0
RN-20-15	186.0	189.0	3.0	2.7
RN-20-15	189.0	192.0	3.0	2.2
RN-20-15	192.0	195.0	3.0	1.4
RN-20-15	195.0	198.0	3.0	2.1
RN-20-15	198.0	201.0	3.0	2.4
RN-20-15	201.0	204.0	3.0	2.5
RN-20-15	204.0	207.0	3.0	2.6
RN-20-15	207.0	210.0	3.0	3.0
RN-20-15	210.0	213.0	3.0	2.9
RN-20-15	213.0	216.0	3.0	2.9
RN-20-15	216.0	219.0	3.0	2.9
RN-20-15	219.0	222.0	3.0	2.6
RN-20-15	222.0	225.0	3.0	2.3
RN-20-15	225.0	228.0	3.0	2.9
RN-20-15	228.0	231.0	3.0	3.0
RN-20-15	231.0	234.0	3.0	2.8
RN-20-15	234.0	237.0	3.0	2.9
RN-20-15	237.0	240.0	3.0	2.1
RN-20-15	240.0	243.0	3.0	2.7
RN-20-15	243.0	246.0	3.0	2.6
RN-20-15	246.0	249.0	3.0	2.1
RN-20-15	249.0	252.0	3.0	2.9
RN-20-15	252.0	255.0	3.0	2.8
RN-20-15	255.0	258.0	3.0	2.5
RN-20-15	258.0	261.0	2.9	1.7
RN-20-15	261.0	264.0	3.0	2.6
RN-20-15	264.0	267.0	2.9	2.0
RN-20-15	267.0	270.0	3.0	2.6
RN-20-15	270.0	273.0	3.0	2.8
RN-20-15	273.0	276.0	3.0	2.8
RN-20-15	276.0	279.0	3.0	3.0
RN-20-15	279.0	282.0	3.0	3.0
RN-20-15	282.0	285.0	3.0	2.8
RN-20-15	285.0	288.0	3.0	2.7
RN-20-15	288.0	291.0	3.0	2.9
RN-20-15	291.0	294.0	3.0	2.6
RN-20-15	294.0	297.0	3.0	2.5
RN-20-15	297.0	300.0	3.0	2.6
RN-20-15	300.0	303.0	3.0	2.7
RN-20-15	303.0	306.0	3.0	2.9

RN-20-15	306.0	309.0	3.0	2.9
RN-20-15	309.0	312.0	3.0	2.9
RN-20-15	312.0	315.0	3.0	2.9
RN-20-15	315.0	318.0	3.0	3.0
RN-20-15	318.0	321.0	3.0	2.8
RN-20-15	321.0	324.0	3.0	2.7
RN-20-15	324.0	327.0	3.0	2.7
RN-20-15	327.0	330.0	3.0	2.90

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm	Accepted Value
RN-20-15	B0157809	34.50	35.60	1.00	IVOLCarg				B0157809	<0.005	
RN-20-15	B0157810	35.60	36.50	0.90	QP		2		B0157810	<0.005	
RN-20-15	B0157811	36.50	37.50	1.00	QP		2		B0157811	0.118	
RN-20-15	B0157812	37.50	38.50	1.00	QP		2		B0157812	<0.005	
RN-20-15	B0157813	38.50	39.50	1.00	QP		2		B0157813	<0.005	
RN-20-15	B0157814	39.50	40.50	1.00	QP		2		B0157814	<0.005	
RN-20-15	B0157815	40.50	41.50	1.00	QP		2		B0157815	<0.005	
RN-20-15	B0157816	41.50	42.50	1.00	QP		2		B0157816	<0.005	
RN-20-15	B0157817	42.50	43.50	1.00	QP		2		B0157817	<0.005	
RN-20-15	B0157818				OREAS 219				B0157818	0.764	0.768
RN-20-15	B0157819	68.00	69.00	1.00	SERCHLORSCH		1		B0157819	<0.005	
RN-20-15	B0157820	69.00	70.00	1.00	SERCHLORSCH		1		B0157820	<0.005	
RN-20-15	B0157821	70.00	71.00	1.00	SERCHLORSCH		1		B0157821	<0.005	
RN-20-15	B0157822	74.00	75.00	1.00	SERCHLORSCH		1		B0157822	<0.005	
RN-20-15	B0157823				OREAS 213		1		B0157823	1.77	1.795
RN-20-15	B0157824	75.00	76.00	1.00	SERCHLORSCH		1		B0157824	0.005	
RN-20-15	B0157825	76.00	77.00	1.00	SERCHLORSCH		1		B0157825	<0.005	
RN-20-15	B0157826	77.00	78.00	1.00	SERCHLORSCH		1		B0157826	<0.005	
RN-20-15	B0157827	78.00	79.00	1.00	SERCHLORSCH		10		B0157827	<0.005	
RN-20-15	B0157828	79.00	80.00	1.00	SERCHLORSCH		2		B0157828	<0.005	
RN-20-15	B0157829				Blank				B0157829	<0.005	0
RN-20-15	B0157830	80.00	81.00	1.00	SERCHLORSCH				B0157830	<0.005	
RN-20-15	B0157831	81.00	82.00	1.00	SERCHLORSCH				B0157831	<0.005	
RN-20-15	B0157832	100.00	101.00	1.00	SERCHLORSCH				B0157832	<0.005	
RN-20-15	B0157833	101.00	102.00	1.00	SERCHLORSCH				B0157833	<0.005	
RN-20-15	B0157834	102.00	103.00	1.00	SERCHLORSCH				B0157834	0.016	
RN-20-15	B0157835	103.00	104.00	1.00	SERCHLORSCH				B0157835	<0.005	
RN-20-15	B0157836	104.00	105.00	1.00	SERCHLORSCH				B0157836	<0.005	
RN-20-15	B0157837	105.00	106.00	1.00	SERCHLORSCH				B0157837	<0.005	
RN-20-15	B0157838	106.00	107.00	1.00	SERCHLORSCH				B0157838	<0.005	
RN-20-15	B0157839	107.00	108.00	1.00	SERCHLORSCH				B0157839	<0.005	
RN-20-15	B0157840	108.00	109.00	1.00	SERCHLORSCH				B0157840	<0.005	

RN-20-15	B0157841	172.00	173.00	1.00		ALTZN	B0157841	<0.005	
RN-20-15	B0157842	173.00	174.00	1.00		ALTZN	B0157842	<0.005	
RN-20-15	B0157843	174.00	175.00	1.00		ALTZN	B0157843	<0.005	
RN-20-15	B0157844	175.00	176.00	1.00		ALTZN	B0157844	<0.005	
RN-20-15	B0157845	176.00	177.00	1.00		ALTZN	B0157845	<0.005	
RN-20-15	B0157846	177.00	178.00	1.00		ALTZN	B0157846	<0.005	
RN-20-15	B0157847	178.00	179.00	1.00		ALTZN	B0157847	<0.005	
RN-20-15	B0157848	179.00	180.00	1.00		ALTZN	B0157848	<0.005	
RN-20-15	B0157849				OREAS 219		B0157849	0.769	0.768
RN-20-15	B0157850	180.00	181.00	1.00		ALTZN	B0157850	<0.005	
RN-20-15	B0157851	181.00	182.00	1.00		ALTZN	B0157851	<0.005	
RN-20-15	B0157852	182.00	183.00	1.00		ALTZN	B0157852	<0.005	
RN-20-15	B0157853	183.00	184.00	1.00		ALTZN	B0157853	<0.005	
RN-20-15	B0157854	184.00	185.00	1.00		ALTZN	B0157854	<0.005	
RN-20-15	B0157855	185.00	186.00	1.00		ALTZN	B0157855	<0.005	
RN-20-15	B0157856				Blank		B0157856	<0.005	0
RN-20-15	B0157857	186.00	187.00	1.00		ALTZN	B0157857	<0.005	
RN-20-15	B0157858	187.00	188.00	1.00		ALTZN	B0157858	<0.005	
RN-20-15	B0157859	188.00	189.00	1.00		ALTZN	B0157859	<0.005	
RN-20-15	B0157860	189.00	190.00	1.00		ALTZN	B0157860	<0.005	
RN-20-15	B0157861	190.00	191.00	1.00		ALTZN	B0157861	<0.005	
RN-20-15	B0157862	191.00	192.00	1.00		ALTZN	B0157862	<0.005	
RN-20-15	B0157863	192.00	193.00	1.00		ALTZN	B0157863	<0.005	
RN-20-15	B0157864	202.00	203.00	1.00		IVOLCarg	B0157864	<0.005	
RN-20-15	B0157865	203.00	204.00	1.00		IVOLCarg	B0157865	<0.005	
RN-20-15	B0157866	204.00	205.00	1.00		IVOLCarg	B0157866	<0.005	
RN-20-15	B0157867	205.00	206.00	1.00		IVOLCarg	B0157867	<0.005	
RN-20-15	B0157868	206.00	207.00	1.00		IVOLCarg	B0157868	<0.005	
RN-20-15	B0157869	207.00	208.10	1.10		IVOLCarg	B0157869	<0.005	
RN-20-15	B0157870	227.30	228.00	0.70		IVOLClaptuf	B0157870	<0.005	3
RN-20-15	B0157871	228.00	229.50	1.50		IVOLClaptuf	B0157871	<0.005	
RN-20-15	B0157872	229.50	230.50	1.00		IVOLClaptuf	B0157872	<0.005	
RN-20-15	B0157873	235.50	236.50	1.00		IVOLClaptuf	B0157873	<0.005	
RN-20-15	B0157874	236.50	237.50	1.00		IVOLClaptuf	B0157874	<0.005	

RN-20-15	B0157875	237.50	238.50	1.00		IVOLClaptuf	B0157875	<0.005	
RN-20-15	B0157876	238.50	239.50	1.00		IVOLClaptuf	B0157876	<0.005	
RN-20-15	B0157877				Blank		B0157877	<0.005	0
RN-20-15	B0157878	257.00	258.00	1.00		ALTZN	B0157878	0.044	
RN-20-15	B0157879	258.00	259.00	1.00		ALTZN	B0157879	0.207	
RN-20-15	B0157880	259.00	260.00	1.00		ALTZN	B0157880	0.045	
RN-20-15	B0157881	260.00	260.70	0.70		IVOLCtuf	B0157881	0.006	
RN-20-15	B0157882	269.50	270.50	1.00		IVOLCtuf	B0157882	0.012	3
RN-20-15	B0157883	270.50	271.50	1.00		ALTZN	B0157883	0.014	
RN-20-15	B0157884				OREAS 219		B0157884	0.763	0.768
RN-20-15	B0157885	271.50	272.50	1.00		ALTZN	B0157885	0.005	
RN-20-15	B0157886	272.50	274.00	1.50		ALTZN	B0157886	<0.005	
RN-20-15	B0157887	283.00	284.00	1.00		IVOLCtuf	B0157887	<0.005	
RN-20-15	B0157888	284.00	285.00	1.00		IVOLCtuf	B0157888	<0.005	
RN-20-15	B0157889	285.00	286.00	1.00		IVOLCtuf	B0157889	<0.005	
RN-20-15	B0157890	286.00	287.00	1.00		ALTZN	B0157890	<0.005	
RN-20-15	B0157891	287.00	288.00	1.00		ALTZN	B0157891	<0.005	
RN-20-15	B0157892	288.00	289.00	1.00		ALTZN	B0157892	<0.005	
RN-20-15	B0157893	289.00	290.00	1.00		ALTZN	B0157893	0.011	
RN-20-15	B0157894	290.00	291.00	1.00		ALTZN	B0157894	0.008	
RN-20-15	B0157895	291.00	292.00	1.00		ALTZN	B0157895	0.008	
RN-20-15	B0157896	292.00	293.00	1.00		ALTZN	B0157896	0.019	
RN-20-15	B0157897	293.00	294.00	1.00		ALTZN	B0157897	<0.005	
RN-20-15	B0157898	294.00	295.00	1.00		ALTZN	B0157898	0.1	
RN-20-15	B0157899	295.00	296.00	1.00		ALTZN	B0157899	<0.005	
RN-20-15	B0157900	296.00	297.00	1.00		ALTZN	B0157900	0.021	
RN-20-15	B0157901	297.00	298.00	1.00		ALTZN	B0157901	0.011	
RN-20-15	B0157902	297.00	298.00	1.00	Blank		B0157902	<0.005	0
RN-20-15	B0157903	298.00	299.00	1.00		ALTZN	B0157903	<0.005	
RN-20-15	B0157904	299.00	300.00	1.00		ALTZN	B0157904	0.01	
RN-20-15	B0157905	315.00	316.00	1.00		ALTZN	B0157905	0.041	
RN-20-15	B0157906	316.00	317.00	10.00		ALTZN	B0157906	0.088	
RN-20-15	B0157907	317.00	318.00	3.00		ALTZN	B0157907	0.017	
RN-20-15	B0157908				OREAS 228B		B0157908	8.64	8.51

RN-20-15	B0157909	318.00	319.00	1.00	ALTZN	3	B0157909	0.007
RN-20-15	B0157910	319.00	320.00	1.00	ALTZN	10	B0157910	0.043
RN-20-15	B0157911	320.00	321.00	1.00	ALTZN	5	B0157911	0.096
RN-20-15	B0157912	321.00	322.00	1.00	ALTZN	10	B0157912	0.102
RN-20-15	B0157913	322.00	323.00	1.00	IVOLCarg	10	B0157913	0.296
RN-20-15	B0157914	323.00	324.00	1.00	IVOLCarg		B0157914	0.006
RN-20-15	B0157915	324.00	325.00	1.00	IVOLCarg		B0157915	0.04
RN-20-15	B0157916	325.00	326.00	1.00	IVOLCarg	5	B0157916	0.027
RN-20-15	B0157917	326.00	327.00	1.00	IVOLCarg		B0157917	0.019

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83
Oreas 228b	8.57	0.199	8.63	8.51

TM20240761 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 109

DATE RECEIVED : 2020-10-21 DATE FINALIZED : 2020-12-19

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157809	<0.005
B0157810	<0.005
B0157811	0.118
B0157812	<0.005
B0157813	<0.005
B0157814	<0.005
B0157815	<0.005
B0157816	<0.005
B0157817	<0.005
B0157818	0.764
B0157819	<0.005
B0157820	<0.005
B0157821	<0.005
B0157822	<0.005
B0157823	1.77
B0157824	0.005
B0157825	<0.005
B0157826	<0.005
B0157827	<0.005
B0157828	<0.005
B0157829	<0.005
B0157830	<0.005
B0157831	<0.005
B0157832	<0.005
B0157833	<0.005
B0157834	0.016
B0157835	<0.005
B0157836	<0.005
B0157837	<0.005
B0157838	<0.005
B0157839	<0.005
B0157840	<0.005
B0157841	<0.005
B0157842	<0.005
B0157843	<0.005
B0157844	<0.005
B0157845	<0.005

B0157846	<0.005
B0157847	<0.005
B0157848	<0.005
B0157849	0.769
B0157850	<0.005
B0157851	<0.005
B0157852	<0.005
B0157853	<0.005
B0157854	<0.005
B0157855	<0.005
B0157856	<0.005
B0157857	<0.005
B0157858	<0.005
B0157859	<0.005
B0157860	<0.005
B0157861	<0.005
B0157862	<0.005
B0157863	<0.005
B0157864	<0.005
B0157865	<0.005
B0157866	<0.005
B0157867	<0.005
B0157868	<0.005
B0157869	<0.005
B0157870	<0.005
B0157871	<0.005
B0157872	<0.005
B0157873	<0.005
B0157874	<0.005
B0157875	<0.005
B0157876	<0.005
B0157877	<0.005
B0157878	0.044
B0157879	0.207
B0157880	0.045
B0157881	0.006
B0157882	0.012
B0157883	0.014
B0157884	0.763
B0157885	0.005
B0157886	<0.005
B0157887	<0.005
B0157888	<0.005
B0157889	<0.005
B0157890	<0.005
B0157891	<0.005
B0157892	<0.005

B0157893	0.011
B0157894	0.008
B0157895	0.008
B0157896	0.019
B0157897	<0.005
B0157898	0.1
B0157899	<0.005
B0157900	0.021
B0157901	0.011
B0157902	<0.005
B0157903	<0.005
B0157904	0.01
B0157905	0.041
B0157906	0.088
B0157907	0.017
B0157908	8.64
B0157909	0.007
B0157910	0.043
B0157911	0.096
B0157912	0.102
B0157913	0.296
B0157914	0.006
B0157915	0.04
B0157916	0.027
B0157917	0.019

TM20240761 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 109

DATE RECEIVED : 2020-10-21 DATE FINALIZED : 2020-12-19

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.766
PMP-18	0.313
G919-10	7.65
KIP-19	2.46
BLANK	0.006
BLANK	<0.005

TM20240761 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 109

DATE RECEIVED : 2020-10-21 DATE FINALIZED : 2020-12-19

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157822	<0.005
B0157822	<0.005
B0157843	<0.005
B0157843	<0.005
B0157881	0.006
B0157881	0.008
B0157901	0.011
B0157901	0.011

Drillhole Summary

DDH ID	RN-20-16							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	129236,192726	17U	365575	5303460	397	23	-60	481.0
Purpose	Test QFP intrusion and deeper cut on Raney Zone							
Explanation	QFP intersected, Raney Zone weak							
Start date	October 20, 2020							
End date	October 30, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	8 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	October , 2020	Assays Added	Dec 28, 2020					
Comments	192 samples							
Comments	113 boxes of core							

BHID	From	To	Litho	Comment
RN-20-16	0.0	8.0	CAS	CASING-Overburden
RN-20-16	8.0	14.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Weak foliation
RN-20-16	14.00	22.10	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained interbedded with black argillite laminations.
RN-20-16	22.10	36.10	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less than 1 cm Weak foliation
RN-20-16	36.10	60.30	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Grey green with distinct felsic lapilli clasts up to 3 cm, slight foliated beds.
RN-20-16	60.30	65.50	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained interbedded with black argillite laminations.
RN-20-16	65.50	92.80	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands scattered black argillite band laminations. 84.0-84.5 25% qtz vein x-cutting.
RN-20-16	92.80	97.00	SERCHLORSCH	Sericite Chlorite Schist - Light grey strongly foliated qtz ser chlor schist. Rement tuff banding interbedded with black argillite laminations. 93.6-94.0 10% white qtz vein crosscutting. Possible CS fabric low angle to CA.
RN-20-16	97.00	122.80	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Weak banding with distinct granular texture, rare lapilli clast. 109.0-110.5 low CA with fine grained folding along lamination contact. Rare scattered black argillite lamination. 114.5-119.0 1-3% white qtz veins parallel and cross cutting.
RN-20-16	122.80	133.30	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands.

				local qtz veins up to 10%. 129.1-130.0 Mafic Dike
RN-20-16	133.30	142.80	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Weak banding with distinct granular texture, rare lapilli clast. Moderate foliation 139.3-139.5 50% qtz veins white
RN-20-16	142.80	162.50	IVOLCarg	Intermediate Volcanic Argillite - Light grey and black interbedded argillite. Strong foliation, brecciated intervals local 3-5% quartz veins boudins.
RN-20-16	162.50	198.70	IVOLCblk	Intermediate Volcanics Black Argillite - Dominant black argillite bands and laminations. Local intervals with strong foliation, overall 1% fine py and rare cubes.
RN-20-16	198.70	205.60	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands.
RN-20-16	205.60	245.40	SHDARGblk	Dark black argillite strongly foliated. Banded and foliated with strong intervals of lithons and brecciated material. 7mm py cubes and disseminations up to 1%. Qtz carb veins and lithons 3-5% 229.3-230 White qtz vein 231.0-232.0 - 15% qtz veins
RN-20-16	245.40	261.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Weak banding with distinct granular texture, rare lapilli clast. 255.0-258.0 BBC
RN-20-16	261.00	278.00	SERCHLORSCH	Sericite Chlorite Schist - light buff sericite rich fine tuff unit. 1-3% qtz veins. 268.5-280.5 15% white quartz veins cross cutting and parallel.
RN-20-16	278.00	307.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Light green to intermediate green. Scattered intervals of fine banded material. 279.0-283.0 siliceous/cherty interval with hairline fractures 1-2% qtz fractures.
RN-20-16	307.00	361.00	FP	Feldspar Porphyry- Green dark with distinct 3-8 subhedral to euhedral feldspar phenocrysts, 3-8mm.

Groundmass dark fine grained siliceous. Weak foliation scattered sections with 1-3% qtz veins.
10-15% phenocrysts.

RN-20-16	361.00	367.00	SERCHLORSCH	Sericite Chlorite Schist- Light buff with moderate to strong foliation. Remnent feldspar phenocrysts suggest this is part of the feldspar porphyry. 3-5% 1 cm wide qtz veins
RN-20-16	367.00	378.00	CHLORSERSCH	Chlorite Sericite Schist- Chorite dominant schist, dark green moderate foliated. Rare grey 1-2mm qtz eyes, possible feldspar porph contact zone
RN-20-16	378.00	381.30	CHLORSERSCH	Chlorite Sericite Schist - Strong foliation dark chlorite soft.
RN-20-16	381.30	393.00	IVOLC	Intermediate Volcanics - Massive intermediate volcanics, weakly foliated with some banding. 1-3% qtz veins. 306.8-307.0 BBC
RN-20-16	393.00	405.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation well developed banding/bedding Alternating lighter and slightly darker bands. 400.5-403.0 narrow interval of coarse sized 1-3cm lappilli sized clasts.
RN-20-16	405.00	424.00	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Grey green with distinctrt felsic lapilli clasts up to 3 cm, slight foliated. beds. 416.3-417 Black laminanted/bedded argillite. 419.2-421.3 Dark black fine grained mafic dike.
RN-20-16	424.00	481.00	IVOLC	Intermediate Volcanics - Massive intermediate volcanics, weakly foliated with some banding. 1-3% qtz veins. Local sections with banding/bedding

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldpsar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-16	0		23.0	-60.0			Y	Y	As spotted in field.
RN-20-16	21	0.9	-8.1	-57.8		51844.00	N	Y	
RN-20-16	72	33.5	24.5	-55.5		55582.00	Y	Y	
RN-20-16	123.0	35.1	26.1	-51.9		55627.00	Y	Y	
RN-20-16	174.0	36.4	27.4	-49.2		55516.00	y	y	
RN-20-16	225.0	38.3	29.3	-46.5		55504.00	Y	Y	
RN-20-16	276.0	40.1	31.1	-43.3		55491.00	y	y	
RN-20-16	480.0	40.5	31.5	-31.9		55418.00	Y	Y	

Terraplus KT-5 Magnetic Susceptibility Meter

BHID	Depth	MS	Lith
RN-20-16	9.0	0.07	IVOLCtuf
RN-20-16	13.0	0.11	IVOLCtuf
RN-20-16	18.0	0.16	IVOLCarg
RN-20-16	25.0	0.25	IVOLCtuf
RN-20-16	32.0	0.17	IVOLCtuf
RN-20-16	36.0	0.24	IVOLCtuf
RN-20-16	39.0	0.22	IVOLClaptuf
RN-20-16	46.0	0.18	IVOLClaptuf
RN-20-16	53.0	0.23	IVOLClaptuf
RN-20-16	60.0	0.20	IVOLClaptuf
RN-20-16	MS-3	1.05	
RN-20-16	62.5	0.14	IVOLCarg
RN-20-16	64.0	0.15	IVOLCarg
RN-20-16	68.0	0.13	IVOLCarg
RN-20-16	72.0	0.11	IVOLCarg
RN-20-16	78.0	0.10	IVOLCarg
RN-20-16	82.0	0.15	IVOLCarg
RN-20-16	85.0	0.34	IVOLCarg
RN-20-16	88.0	0.04	IVOLCarg
RN-20-16	90.5	0.09	IVOLCarg
RN-20-16	93.0	0.11	SERCHLORSCH
RN-20-16	97.5	0.18	SERCHLORSCH
RN-20-16	99.5	0.21	IVOLCtuf
RN-20-16	104.0	0.16	IVOLCtuf
RN-20-16	MS-4	23.50	
RN-20-16	106.0	0.18	IVOLCtuf
RN-20-16	109.5	0.13	IVOLCtuf
RN-20-16	115.0	0.19	IVOLCtuf
RN-20-16	119.0	0.24	IVOLCtuf
RN-20-16	123.0	0.20	IVOLCarg
RN-20-16	126.0	1.88	IVOLCarg
RN-20-16	126.5	1.56	IVOLCarg
RN-20-16	130.5	0.10	IVOLCarg
RN-20-16	133.5	0.20	IVOLCtuf
RN-20-16	136.0	0.10	IVOLCtuf
RN-20-16	139.0	0.10	IVOLCtuf
RN-20-16	141.5	0.15	IVOLCtuf
RN-20-16	144.5	0.11	IVOLCarg
RN-20-16	MS-1	74.40	
RN-20-16	149.0	0.21	IVOLCarg
RN-20-16	153.0	0.09	IVOLCarg
RN-20-16	157.0	0.06	IVOLCarg
RN-20-16	166.0	0.08	IVOLCblk
RN-20-16	170.0	0.19	IVOLCblk
RN-20-16	177.0	0.07	IVOLCblk
RN-20-16	185.0	0.14	IVOLCblk

RN-20-16	197.0	0.11	IVOLCblk
RN-20-16	200.0	0.71	IVOLCarg
RN-20-16	202.0	0.75	IVOLCarg
RN-20-16	204.0	0.45	IVOLCarg
RN-20-16	207.0	0.04	SHDARGblk
RN-20-16	211.0	0.07	SHDARGblk
RN-20-16	MS-2	0.01	
RN-20-16	219.0	0.02	SHDARGblk
RN-20-16	223.0	0.07	SHDARGblk
RN-20-16	226.0	0.07	SHDARGblk
RN-20-16	231.0	0.06	SHDARGblk
RN-20-16	236.0	0.17	SHDARGblk
RN-20-16	242.0	0.16	SHDARGblk
RN-20-16	252.0	0.12	IVOLCtuf
RN-20-16	258.0	0.22	IVOLCtuf
RN-20-16	263.0	0.19	SERCHLORSCH
RN-20-16	267.0	0.19	SERCHLORSCH
RN-20-16	273.0	0.20	SERCHLORSCH
RN-20-16	276.0	0.03	SERCHLORSCH
RN-20-16	284.0	0.33	IVOLCtuf
RN-20-16	291.0	0.51	IVOLCtuf
RN-20-16	MS-2	0.01	
RN-20-16	294.0	0.12	IVOLCtuf
RN-20-16	297.0	0.22	IVOLCtuf
RN-20-16	301.0	0.13	IVOLCtuf
RN-20-16	304.0	0.21	IVOLCtuf
RN-20-16	310.0	0.08	FP
RN-20-16	317.0	0.08	FP
RN-20-16	321.0	0.09	FP
RN-20-16	327.0	0.22	FP
RN-20-16	326.0	0.08	FP
RN-20-16	342.0	0.10	FP
RN-20-16	351.0	0.09	FP
RN-20-16	360.0	0.08	FP
RN-20-16	367.0	0.10	SERCHLORSCH
RN-20-16	378.0	0.07	CHLORSERSCH
RN-20-16	384.0	0.11	IVOLC
RN-20-16	391.0	0.09	IVOLC
RN-20-16	397.0	0.09	IVOLCarg
RN-20-16	404.0	0.27	IVOLCarg
RN-20-16	410.0	0.21	IVOLClaptuf
RN-20-16	417.0	0.22	IVOLClaptuf
RN-20-16	422.0	0.18	IVOLClaptuf
RN-20-16	425.0	0.18	IVOLC
RN-20-16	430.0	0.32	IVOLC
RN-20-16	434.0	0.16	IVOLC
RN-20-16	442.0	0.20	IVOLC

RN-20-16	447.0	0.10	IVOLC
RN-20-16	454.0	0.12	IVOLC
RN-20-16	465.0	0.07	IVOLC
RN-20-16	475.0	0.12	IVOLC

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc	<i>Ohaus Scout SIX 1502N/E Balance</i>	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-16	Weight	55.00		55.07	55.08	55.08							
RN-20-16		SG-1	Jasper	366.96	366.96	366.96	231.84	231.98	231.91	2.72			
RN-20-16		32.00	IVOLCarg	438.13	438.14	438.14	279.89	279.91	279.90	2.77			
RN-20-16		49.00	IVOLClaptuf	384.45	384.45	384.45	243.48	243.47	243.48	2.73			
RN-20-16		114.00	IVOLCtuf	339.61	339.62	339.62	218.41	218.4	218.41	2.80			
RN-20-16		357.00	FP	125.89	125.88	125.89	79.16	79.13	79.15	2.69			

BHID	Depth	DDH		Oriented Core		Calculated Values			Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
		Core Angle	Az	Dip	Alpha	Beta	Az	Dip						
RN-20-16	13	25								Weak	Banding			
RN-20-16	19.2	30									Banding/laminations			
RN-20-16	27	25									Banding			
RN-20-16	34.5	30									Banding			
RN-20-16	47	25									Clast alignment			
RN-20-16	57	30									Clast alignment			
RN-20-16	69	30									Laminations			
RN-20-16	81		25	-56	30	5					Banding			
RN-20-16	85	30									Laminations			
RN-20-16	93	25								Moderate				
RN-20-16	95	20								Strong				
RN-20-16	103		25.5	-53.5	25	5				Strong				
RN-20-16	109.5	20								Strong				
RN-20-16	111	5						Sharp						
RN-20-16	124	20									Banding			
RN-20-16	131	5								Moderate				
RN-20-16	135	25								Moderate	Banding			
RN-20-16	139	25									Banding			
RN-20-16	144.5	10								Moderate				
RN-20-16	223	15								Strong	Laminations			
RN-20-16	239	20								Strong	Laminations			
RN-20-16	245	20								Strong	Laminations			
RN-20-16	254	25									Banding			
RN-20-16	268	30									Banding			
RN-20-16	283	40									Banding			
RN-20-16	301	30									Banding			
RN-20-16	381	35									Banding			
RN-20-16	407	40									Laminations			
RN-20-16	429	45									Laminations			
RN-20-16	432	30									Banding			
RN-20-16	465	35									Clast alignment			
RN-20-16	475	35									Banding			

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-16	0.0	9.0	Casing		Casing			
RN-20-16	9.0	12.0	3.0	2.1				
RN-20-16	12.0	15.0	3.0	1.8				
RN-20-16	15.0	18.0	2.9	2.1				
RN-20-16	18.0	21.0	2.9	2.4				
RN-20-16	21.0	24.0	2.6	2.4				
RN-20-16	24.0	27.0	2.9	2.6				
RN-20-16	27.0	30.0	3.0	2.5				
RN-20-16	30.0	33.0	3.0	2.6				
RN-20-16	33.0	36.0	3.0	2.5				
RN-20-16	36.0	39.0	2.9	1.2				
RN-20-16	39.0	42.0	3.0	2.6				
RN-20-16	42.0	45.0	3.0	2.7				
RN-20-16	45.0	48.0	3.0	2.5				
RN-20-16	48.0	51.0	3.0	2.8				
RN-20-16	51.0	54.0	3.0	2.7				
RN-20-16	54.0	57.0	3.0	2.8				
RN-20-16	57.0	60.0	3.0	2.6				
RN-20-16	60.0	63.0	3.0	2.2				
RN-20-16	63.0	66.0	3.0	2.4				
RN-20-16	66.0	69.0	3.0	2.7				
RN-20-16	69.0	72.0	3.0	2.1				
RN-20-16	72.0	75.0	3.0	2.9				
RN-20-16	75.0	78.0	3.0	2.7				
RN-20-16	78.0	81.0	3.0	3.0				
RN-20-16	81.0	84.0	3.0	2.8				
RN-20-16	84.0	87.0	3.0	2.9				
RN-20-16	87.0	90.0	3.0	2.6				
RN-20-16	90.0	93.0	3.0	2.7				
RN-20-16	93.0	96.0	3.0	2.8				
RN-20-16	96.0	99.0	3.0	2.9				
RN-20-16	99.0	102.0	3.0	2.9				
RN-20-16	102.0	105.0	3.0	3.0				
RN-20-16	105.0	108.0	3.0	3.0				
RN-20-16	108.0	111.0	3.0	2.9				
RN-20-16	111.0	114.0	3.0	2.8				
RN-20-16	114.0	117.0	3.0	2.7				
RN-20-16	117.0	120.0	3.0	2.9				
RN-20-16	120.0	123.0	3.0	2.8				
RN-20-16	123.0	126.0	3.0	2.8				
RN-20-16	126.0	129.0	3.0	2.7				
RN-20-16	129.0	132.0	3.0	2.6				
RN-20-16	132.0	135.0	3.0	2.6				
RN-20-16	135.0	138.0	3.0	2.7				
RN-20-16	138.0	141.0	3.0	2.8				
RN-20-16	141.0	144.0	3.0	2.9				

RN-20-16	144.0	147.0	3.0	2.8
RN-20-16	147.0	150.0	3.0	3.0
RN-20-16	150.0	153.0	3.0	2.7
RN-20-16	153.0	156.0	3.0	2.5
RN-20-16	156.0	159.0	3.0	2.4
RN-20-16	159.0	162.0	3.0	2.8
RN-20-16	162.0	165.0	2.9	2.6
RN-20-16	165.0	168.0	3.0	2.7
RN-20-16	168.0	171.0	3.0	2.8
RN-20-16	171.0	174.0	3.0	2.9
RN-20-16	174.0	177.0	3.0	3.0
RN-20-16	177.0	180.0	3.0	3.0
RN-20-16	180.0	183.0	3.0	2.8
RN-20-16	183.0	186.0	3.0	2.5
RN-20-16	186.0	189.0	3.0	2.6
RN-20-16	189.0	192.0	3.0	2.7
RN-20-16	192.0	195.0	3.0	2.0
RN-20-16	195.0	198.0	3.0	2.6
RN-20-16	198.0	201.0	3.0	2.6
RN-20-16	201.0	204.0	3.0	2.3
RN-20-16	204.0	207.0	3.0	2.6
RN-20-16	207.0	210.0	3.0	2.1
RN-20-16	210.0	213.0	3.0	1.6
RN-20-16	213.0	216.0	3.0	1.8
RN-20-16	216.0	219.0	3.0	2.4
RN-20-16	219.0	222.0	3.0	2.6
RN-20-16	222.0	225.0	3.0	2.4
RN-20-16	225.0	228.0	3.0	2.1
RN-20-16	228.0	231.0	3.0	2.6
RN-20-16	231.0	234.0	3.0	2.2
RN-20-16	234.0	237.0	3.0	2.4
RN-20-16	237.0	240.0	3.0	2.7
RN-20-16	240.0	243.0	3.0	2.7
RN-20-16	243.0	246.0	3.0	2.5
RN-20-16	246.0	249.0	3.0	2.5
RN-20-16	249.0	252.0	3.0	2.5
RN-20-16	252.0	255.0	3.0	2.3
RN-20-16	255.0	258.0	3.0	1.1
RN-20-16	258.0	261.0	3.0	2.2
RN-20-16	261.0	264.0	3.0	2.8
RN-20-16	264.0	267.0	3.0	2.8
RN-20-16	267.0	270.0	2.9	2.8
RN-20-16	270.0	273.0	3.0	2.9
RN-20-16	273.0	276.0	3.0	3.0
RN-20-16	276.0	279.0	3.0	2.8
RN-20-16	279.0	282.0	3.0	2.5
RN-20-16	282.0	285.0	3.0	3.0

RN-20-16	285.0	288.0	3.0	2.9
RN-20-16	288.0	291.0	3.0	2.7
RN-20-16	291.0	294.0	3.0	2.6
RN-20-16	294.0	297.0	3.0	2.8
RN-20-16	297.0	300.0	3.0	2.7
RN-20-16	300.0	303.0	3.0	2.9
RN-20-16	303.0	306.0	3.0	2.6
RN-20-16	306.0	309.0	3.0	2.6
RN-20-16	309.0	312.0	3.0	2.5
RN-20-16	312.0	315.0	3.0	2.7
RN-20-16	315.0	318.0	3.0	2.4
RN-20-16	318.0	321.0	3.0	2.6
RN-20-16	321.0	324.0	3.0	2.6
RN-20-16	324.0	327.0	3.0	2.7
RN-20-16	327.0	330.0	3.0	2.7
RN-20-16	330.0	333.0	3.0	2.6
RN-20-16	333.0	336.0	3.0	2.7
RN-20-16	336.0	339.0	3.0	2.7
RN-20-16	339.0	342.0	3.0	2.8
RN-20-16	342.0	345.0	3.0	2.5
RN-20-16	345.0	348.0	3.0	2.3
RN-20-16	348.0	351.0	3.0	2.8
RN-20-16	351.0	354.0	3.0	2.9
RN-20-16	354.0	357.0	3.0	2.7
RN-20-16	357.0	360.0	3.0	2.7
RN-20-16	360.0	363.0	3.0	2.6
RN-20-16	363.0	366.0	3.0	2.8
RN-20-16	366.0	369.0	3.0	2.6
RN-20-16	369.0	372.0	3.0	2.9
RN-20-16	372.0	375.0	3.0	2.9
RN-20-16	375.0	378.0	3.0	2.9
RN-20-16	378.0	381.0	3.0	2.6
RN-20-16	381.0	384.0	3.0	2.5
RN-20-16	384.0	387.0	3.0	2.6
RN-20-16	387.0	390.0	3.0	2.7
RN-20-16	390.0	393.0	3.0	2.6
RN-20-16	393.0	396.0	3.0	2.5
RN-20-16	396.0	399.0	3.0	1.8
RN-20-16	399.0	402.0	3.0	2.2
RN-20-16	402.0	405.0	3.0	2.8
RN-20-16	405.0	408.0	3.0	2.7
RN-20-16	408.0	411.0	3.0	2.6
RN-20-16	411.0	414.0	3.0	2.6
RN-20-16	414.0	417.0	3.0	2.8
RN-20-16	417.0	420.0	3.0	2.9
RN-20-16	420.0	423.0	3.0	2.7
RN-20-16	423.0	426.0	3.0	2.8

RN-20-16	426.0	429.0	3.0	2.7
RN-20-16	429.0	432.0	3.0	2.5
RN-20-16	432.0	435.0	3.0	2.4
RN-20-16	435.0	438.0	3.0	2.4
RN-20-16	438.0	441.0	3.0	2.6
RN-20-16	441.0	444.0	3.0	2.7
RN-20-16	444.0	447.0	3.0	2.8
RN-20-16	447.0	450.0	3.0	2.7
RN-20-16	450.0	453.0	3.0	2.8
RN-20-16	453.0	456.0	3.0	3.0
RN-20-16	456.0	459.0	3.0	2.8
RN-20-16	459.0	462.0	3.0	2.7
RN-20-16	462.0	465.0	3.0	2.8
RN-20-16	465.0	468.0	3.0	2.9
RN-20-16	468.0	471.0	3.0	2.9
RN-20-16	471.0	474.0	3.0	2.3
RN-20-16	474.0	477.0	3.0	2.8
RN-20-16	477.0	480.0	3.0	2.8
RN-20-16	480.0	483.0	3.0	2.8

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm
RN-20-16	B0157918	62.00	63.00	1.00	IVOLCarg		1		B0157918	<0.005
RN-20-16	B0157919	63.00	64.00	1.00	IVOLCarg		1		B0157919	<0.005
RN-20-16	B0157920	64.00	65.00	1.00	IVOLCarg		1		B0157920	<0.005
RN-20-16	B0157921	71.00	72.00	1.00	IVOLCarg		1		B0157921	<0.005
RN-20-16	B0157922	72.00	73.00	1.00	IVOLCarg		3		B0157922	<0.005
RN-20-16	B0157923	83.00	84.00	1.00	IVOLCarg				B0157923	<0.005
RN-20-16	B0157924	84.00	84.50	0.50	IVOLCarg		75		B0157924	<0.005
RN-20-16	B0157925	84.50	85.50	1.00	IVOLCarg		1		B0157925	<0.005
RN-20-16	B0157926	91.00	92.00	1.00	IVOLCarg		1		B0157926	<0.005
RN-20-16	B0157927	92.00	92.80	0.80	IVOLCarg		1		B0157927	<0.005
RN-20-16	B0157928	92.80	93.50	0.70	SERCHLORSCH		1		B0157928	<0.005
RN-20-16	B0157929				Blank				B0157929	<0.005 0
RN-20-16	B0157930	93.50	94.50	1.00	SERCHLORSCH		1		B0157930	<0.005
RN-20-16	B0157931	94.50	95.50	1.00	SERCHLORSCH		1		B0157931	<0.005
RN-20-16	B0157932	95.50	96.50	1.00	SERCHLORSCH		1		B0157932	<0.005
RN-20-16	B0157933	96.50	98.00	1.50	IVOLCtuf		1		B0157933	<0.005
RN-20-16	B0157934				OREAS 219				B0157934	0.744 0.76
RN-20-16	B0157935	116.00	117.00	1.00	IVOLCtuf		1		B0157935	<0.005
RN-20-16	B0157936	117.00	118.00	1.00	IVOLCtuf		1		B0157936	<0.005
RN-20-16	B0157937	118.00	119.00	1.00	IVOLCtuf		1		B0157937	<0.005
RN-20-16	B0157938	119.00	120.00	1.00	IVOLCtuf		1		B0157938	<0.005
RN-20-16	B0157939	124.00	125.00	1.00	IVOLCarg		1		B0157939	<0.005
RN-20-16	B0157940	125.00	126.00	1.00	IVOLCarg		1		B0157940	<0.005
RN-20-16	B0157941	126.00	127.00	1.00	IVOLCarg		1		B0157941	<0.005
RN-20-16	B0157942	127.00	128.00	1.00	IVOLCarg		1		B0157942	<0.005
RN-20-16	B0157943	128.00	129.00	1.00	IVOLCarg		1		B0157943	<0.005
RN-20-16	B0157944	129.00	130.00	1.00	IVOLCarg		1		B0157944	<0.005
RN-20-16	B0157945	130.00	131.00	1.00	IVOLCarg		1		B0157945	0.005
RN-20-16	B0157946	131.00	132.00	1.00	IVOLCarg		1		B0157946	<0.005
RN-20-16	B0157947	132.00	133.30	1.30	IVOLCarg		1		B0157947	<0.005
RN-20-16	B0157948	133.30	134.50	1.20	IVOLCtuf		1		B0157948	<0.005
RN-20-16	B0157949	134.50	135.50	1.00	IVOLCtuf		1		B0157949	<0.005

RN-20-16	B0157950	135.50	136.50	1.00		IVOLCtuf		B0157950	<0.005		
RN-20-16	B0157951	136.50	137.50	1.00		IVOLCtuf		B0157951	<0.005		
RN-20-16	B0157952				OREAS 223			B0157952	1.77	1.78	
RN-20-16	B0157953	137.50	138.50	1.00		IVOLCtuf		B0157953	<0.005		
RN-20-16	B0157954	138.50	139.50	1.00		IVOLCtuf	15	B0157954	<0.005		
RN-20-16	B0157955	139.50	140.50	1.00		IVOLCtuf	5	B0157955	<0.005		
RN-20-16	B0157956	140.50	141.50	1.00		IVOLCtuf		B0157956	<0.005		
RN-20-16	B0157957	141.50	142.80	1.30		IVOLCtuf		B0157957	<0.005		
RN-20-16	B0157958	142.80	144.00	1.20		IVOLCtuf		B0157958	<0.005		
RN-20-16	B0157959				Blank			B0157959	<0.005		0
RN-20-16	B0157960	144.00	145.00	1.00		IVOLCarg	1	B0157960	<0.005		
RN-20-16	B0157961	145.00	146.00	1.00		IVOLCarg	1	B0157961	<0.005		
RN-20-16	B0157962	146.00	147.00	1.00		IVOLCarg	1	B0157962	<0.005		
RN-20-16	B0157963	147.00	148.00	1.00		IVOLCarg	1	B0157963	<0.005		
RN-20-16	B0157964	148.00	149.00	1.00		IVOLCarg	1	B0157964	<0.005		
RN-20-16	B0157965	149.00	150.00	1.00		IVOLCarg	1	B0157965	<0.005		
RN-20-16	B0157966	150.00	151.00	1.00		IVOLCarg	1	B0157966	<0.005		
RN-20-16	B0157967	151.00	152.00	1.00		IVOLCarg	1	B0157967	<0.005		
RN-20-16	B0157968	152.00	153.00	1.00		IVOLCarg	1	B0157968	<0.005		
RN-20-16	B0157969	153.00	154.00	1.00		IVOLCarg	1	B0157969	<0.005		
RN-20-16	B0157970	154.00	155.00	1.00		IVOLCarg	1	B0157970	<0.005		
RN-20-16	B0157971	155.00	156.00	1.00		IVOLCarg	1	B0157971	<0.005		
RN-20-16	B0157972	183.00	184.00	1.00		IVOLCblk		B0157972	<0.005		
RN-20-16	B0157973	184.00	185.00	1.00		IVOLCblk		B0157973	<0.005		
RN-20-16	B0157974	185.00	186.00	1.00		IVOLCblk		B0157974	<0.005		
RN-20-16	B0157975				Blank			B0157975	<0.005		0
RN-20-16	B0157976	186.00	187.00	1.00		IVOLCblk		B0157976	<0.005		
RN-20-16	B0157977	187.00	188.00	1.00		IVOLCblk		B0157977	<0.005		
RN-20-16	B0157978	188.00	189.00	1.00		IVOLCblk		B0157978	<0.005		
RN-20-16	B0157979	189.00	190.00	1.00		IVOLCblk		B0157979	<0.005		
RN-20-16	B0157980	190.00	191.00	1.00		IVOLCblk		B0157980	0.009		
RN-20-16	B0157981				OREAS 228			B0157981	8.9	8.73	
RN-20-16	B0157982	191.00	192.00	1.00		IVOLCblk		B0157982	<0.005		
RN-20-16	B0157983	192.00	193.00	1.00		IVOLCblk		B0157983	0.005		

RN-20-16	B0157984	193.00	194.00	1.00		IVOLCblk	B0157984	0.005	
RN-20-16	B0157985	216.00	217.00	1.00		SHDARGblk	B0157985	<0.005	
RN-20-16	B0157986	217.00	218.00	1.00		SHDARGblk	B0157986	0.005	
RN-20-16	B0157987	218.00	219.00	1.00		SHDARGblk	B0157987	<0.005	
RN-20-16	B0157988	219.00	220.00	1.00		SHDARGblk	B0157988	<0.005	
RN-20-16	B0157989	220.00	221.00	1.00		SHDARGblk	B0157989	<0.005	
RN-20-16	B0157990	221.00	222.00	1.00		SHDARGblk	B0157990	0.005	
RN-20-16	B0157991	222.00	223.00	1.00		SHDARGblk	B0157991	0.007	
RN-20-16	B0157992	223.00	224.00	1.00		SHDARGblk	B0157992	<0.005	
RN-20-16	B0157993	224.00	225.00	1.00		SHDARGblk	B0157993	<0.005	
RN-20-16	B0157994	225.00	226.00	1.00		SHDARGblk	B0157994	<0.005	
RN-20-16	B0157995	226.00	227.00	1.00		SHDARGblk	B0157995	0.005	
RN-20-16	B0157996	227.00	228.00	1.00		SHDARGblk	B0157996	<0.005	
RN-20-16	B0157997	228.00	229.00	1.00		SHDARGblk	B0157997	<0.005	
RN-20-16	B0157998	229.00	230.00	1.00		SHDARGblk	B0157998	<0.005	
RN-20-16	B0157999	230.00	231.00	1.00		SHDARGblk	B0157999	<0.005	
RN-20-16	W932251	231.00	232.00	1.00		SHDARGblk	W932251	0.006	
RN-20-16	W932252				OREAS 223		W932252	1.815	1.78
RN-20-16	W932253	232.00	233.00	1.00		SHDARGblk	W932253	<0.005	
RN-20-16	W932254	233.00	234.00	1.00		SHDARGblk	W932254	<0.005	
RN-20-16	W932255	234.00	235.00	1.00		SHDARGblk	W932255	<0.005	
RN-20-16	W932256	235.00	236.00	1.00		SHDARGblk	W932256	<0.005	
RN-20-16	W932257				Blank		W932257	<0.005	0
RN-20-16	W932258	236.00	237.00	1.00		SHDARGblk	W932258	<0.005	
RN-20-16	W932259	237.00	238.00	1.00		SHDARGblk	W932259	0.009	
RN-20-16	W932260	238.00	239.00	1.00		SHDARGblk	W932260	<0.005	
RN-20-16	W932261	239.00	240.00	1.00		SHDARGblk	W932261	<0.005	
RN-20-16	W932262	240.00	241.00	1.00		SHDARGblk	W932262	<0.005	
RN-20-16	W932263	241.00	242.00	1.00		SHDARGblk	W932263	<0.005	
RN-20-16	W932264	242.00	243.00	1.00		SHDARGblk	W932264	<0.005	
RN-20-16	W932265	243.00	244.00	1.00		SHDARGblk	W932265	0.006	
RN-20-16	W932266	244.00	245.00	1.00		SHDARGblk	W932266	0.01	
RN-20-16	W932267	260.00	261.00	1.00		SERCHLORSCH	W932267	<0.005	
RN-20-16	W932268	261.00	262.00	1.00		SERCHLORSCH	W932268	<0.005	

RN-20-16	W932269	262.00	263.00	1.00	SERCHLORSCH		W932269	<0.005	
RN-20-16	W932270	263.00	264.00	1.00	SERCHLORSCH		W932270	<0.005	
RN-20-16	W932271	264.00	265.00	1.00	SERCHLORSCH		W932271	<0.005	
RN-20-16	W932272	265.00	266.00	1.00	SERCHLORSCH		W932272	<0.005	
RN-20-16	W932273	266.00	267.00	1.00	SERCHLORSCH		W932273	<0.005	
RN-20-16	W932274	267.00	268.00	1.00	SERCHLORSCH		W932274	<0.005	
RN-20-16	W932275	268.00	269.00	1.00	SERCHLORSCH	20	W932275	<0.005	
RN-20-16	W932276	269.00	270.00	1.00	SERCHLORSCH		W932276	<0.005	
RN-20-16	W932277	270.00	271.00	1.00	SERCHLORSCH		W932277	<0.005	
RN-20-16	W932278	271.00	272.00	1.00	SERCHLORSCH		W932278	<0.005	
RN-20-16	W932279	272.00	273.00	1.00	SERCHLORSCH		W932279	<0.005	
RN-20-16	W932280				OREAS 228		W932280	8.87	8.73
RN-20-16	W932281	273.00	274.00	1.00	SERCHLORSCH		W932281	<0.005	
RN-20-16	W932282	274.00	275.00	1.00	SERCHLORSCH		W932282	<0.005	
RN-20-16	W932283	275.00	276.00	1.00	SERCHLORSCH		W932283	<0.005	
RN-20-16	W932284	276.00	277.00	1.00	SERCHLORSCH		W932284	<0.005	
RN-20-16	W932285	277.00	278.00	1.00	SERCHLORSCH		W932285	<0.005	
RN-20-16	W932286	278.00	279.00	1.00	IVOLCtuf		W932286	<0.005	
RN-20-16	W932287	279.00	280.00	1.00	IVOLCtuf	1	W932287	0.011	
RN-20-16	W932288	280.00	281.00	1.00	IVOLCtuf	3	W932288	<0.005	
RN-20-16	W932289	281.00	282.00	1.00	IVOLCtuf	3	W932289	<0.005	
RN-20-16	W932290				Blank		W932290	<0.005	0
RN-20-16	W932291	282.00	283.00	1.00	IVOLCtuf	3	W932291	<0.005	
RN-20-16	W932292	283.00	284.00	1.00	IVOLCtuf	1	W932292	<0.005	
RN-20-16	W932293	307.00	308.00	1.00	FP		W932293	0.005	
RN-20-16	W932294	308.00	309.00	1.00	FP		W932294	0.017	
RN-20-16	W932295	309.00	310.00	1.00	FP		W932295	<0.005	
RN-20-16	W932296	310.00	311.00	1.00	FP		W932296	<0.005	
RN-20-16	W932297	311.00	312.00	1.00	FP		W932297	0.006	
RN-20-16	W932298	312.00	313.00	1.00	FP		W932298	0.186	
RN-20-16	W932299	313.00	314.00	1.00	FP		W932299	0.016	
RN-20-16	W932300	314.00	315.00	1.00	FP		W932300	0.008	
RN-20-16	W932301	315.00	316.00	1.00	FP		W932301	0.046	
RN-20-16	W932302	316.00	317.00	1.00	FP		W932302	0.059	

RN-20-16	W932303				Blank		W932303	<0.005	0
RN-20-16	W932304	317.00	318.00	1.00	FP		W932304	0.093	
RN-20-16	W932305	318.00	319.00	1.00	FP		W932305	0.006	
RN-20-16	W932306	319.00	320.00	1.00	FP		W932306	0.035	
RN-20-16	W932307	320.00	321.00	1.00	FP		W932307	<0.005	
RN-20-16	W932308	346.00	347.00	1.00	FP		W932308	0.005	
RN-20-16	W932309	347.00	348.00	1.00	FP		W932309	0.037	
RN-20-16	W932310	348.00	349.00	1.00	FP		W932310	0.005	
RN-20-16	W932311				OREAS 228b		W932311	8.48	8.57
RN-20-16	W932312	349.00	350.00	1.00	FP		W932312	<0.005	
RN-20-16	W932313	350.00	351.00	1.00	FP		W932313	<0.005	
RN-20-16	W932314	357.00	358.00	1.00	FP		W932314	0.01	
RN-20-16	W932315	358.00	359.00	1.00	FP		W932315	0.042	
RN-20-16	W932316	359.00	360.00	1.00	FP		W932316	<0.005	
RN-20-16	W932317	360.00	361.00	1.00	FP		W932317	<0.005	
RN-20-16	W932318	361.00	362.00	1.00	SERCHLORSCH		W932318	0.008	
RN-20-16	W932319	362.00	363.00	1.00	SERCHLORSCH		W932319	0.009	
RN-20-16	W932320	363.00	364.00	1.00	SERCHLORSCH		W932320	0.023	
RN-20-16	W932321	364.00	365.00	1.00	SERCHLORSCH		W932321	0.558	
RN-20-16	W932322				Blank		W932322	<0.005	0
RN-20-16	W932323	365.00	366.00	1.00	SERCHLORSCH		W932323	<0.005	
RN-20-16	W932324	366.00	367.00	1.00	SERCHLORSCH		W932324	<0.005	
RN-20-16	W932325	367.00	368.00	1.00	CHLORSERSCH		W932325	<0.005	
RN-20-16	W932326	368.00	369.00	1.00	CHLORSERSCH		W932326	<0.005	
RN-20-16	W932327	369.00	370.00	1.00	CHLORSERSCH		W932327	<0.005	
RN-20-16	W932328	370.00	371.00	1.00	CHLORSERSCH		W932328	0.011	
RN-20-16	W932329	371.00	372.00	1.00	CHLORSERSCH		W932329	<0.005	
RN-20-16	W932330				OREAS 228		W932330	8.73	8.73
RN-20-16	W932331	372.00	373.00	1.00	CHLORSERSCH		W932331	0.007	
RN-20-16	W932332	373.00	374.00	1.00	CHLORSERSCH		W932332	<0.005	
RN-20-16	W932333	374.00	375.00	1.00	CHLORSERSCH		W932333	<0.005	
RN-20-16	W932334	375.00	376.00	1.00	CHLORSERSCH		W932334	<0.005	
RN-20-16	W932335	376.00	377.00	1.00	CHLORSERSCH		W932335	<0.005	
RN-20-16	W932336	377.00	378.00	1.00	CHLORSERSCH		W932336	<0.005	

RN-20-16	W932337	378.00	379.00	1.00		CHLORSERSCH	W932337	<0.005	
RN-20-16	W932338	379.00	380.00	1.00		CHLORSERSCH	W932338	<0.005	
RN-20-16	W932339	380.00	381.30	1.30		CHLORSERSCH	W932339	<0.005	
RN-20-16	W932340	381.30	382.00	0.70		IVOLC	W932340	<0.005	
RN-20-16	W932341				Blank		W932341	<0.005	0
RN-20-16	W932342	382.00	383.00	1.00		IVOLC	W932342	<0.005	
RN-20-16	W932343	383.00	384.00	1.00		IVOLC	W932343	<0.005	
RN-20-16	W932344	384.00	385.00	1.00		IVOLC	W932344	<0.005	
RN-20-16	W932345	385.00	386.00	1.00		IVOLC	W932345	<0.005	
RN-20-16	W932346	386.00	387.00	1.00		IVOLC	W932346	0.218	
RN-20-16	W932347	387.00	388.00	1.00		IVOLC	W932347	2.21	
RN-20-16	W932348				OREAS 219		W932348	0.795	0.76
RN-20-16	W932349	388.00	389.00	1.00		IVOLC	W932349	0.038	
RN-20-16	W932350	389.00	390.00	1.00		IVOLC	W932350	<0.005	
RN-20-16	W932351	390.00	391.00	1.00		IVOLC	W932351	<0.005	
RN-20-16	W932352	391.00	392.00	1.00		IVOLC	W932352	<0.005	
RN-20-16	W932353	400.00	401.00	1.00		IVOLCarg	W932353	<0.005	
RN-20-16	W932354	401.00	402.00	1.00		IVOLCarg	W932354	0.01	
RN-20-16	W932355	402.00	403.00	1.00		IVOLCarg	W932355	<0.005	
RN-20-16	W932356	403.00	404.00	1.00		IVOLCarg	W932356	<0.005	
RN-20-16	W932357	460.00	461.00	1.00		IVOLC	W932357	<0.005	
RN-20-16	W932358	461.00	462.00	1.00		IVOLC	W932358	0.011	
RN-20-16	W932359	462.00	463.00	1.00		IVOLC	W932359	<0.005	
RN-20-16	W932360	463.00	464.00	1.00		IVOLC	W932360	0.01	

TM20253829 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 192

DATE RECEIVED : 2020-11-02 DATE FINALIZED : 2020-12-25

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157918	<0.005
B0157919	<0.005
B0157920	<0.005
B0157921	<0.005
B0157922	<0.005
B0157923	<0.005
B0157924	<0.005
B0157925	<0.005
B0157926	<0.005
B0157927	<0.005
B0157928	<0.005
B0157929	<0.005
B0157930	<0.005
B0157931	<0.005
B0157932	<0.005
B0157933	<0.005
B0157934	0.744
B0157935	<0.005
B0157936	<0.005
B0157937	<0.005
B0157938	<0.005
B0157939	<0.005
B0157940	<0.005
B0157941	<0.005
B0157942	<0.005
B0157943	<0.005
B0157944	<0.005
B0157945	0.005
B0157946	<0.005
B0157947	<0.005
B0157948	<0.005
B0157949	<0.005
B0157950	<0.005
B0157951	<0.005
B0157952	1.77
B0157953	<0.005
B0157954	<0.005

B0157955	<0.005
B0157956	<0.005
B0157957	<0.005
B0157958	<0.005
B0157959	<0.005
B0157960	<0.005
B0157961	<0.005
B0157962	<0.005
B0157963	<0.005
B0157964	<0.005
B0157965	<0.005
B0157966	<0.005
B0157967	<0.005
B0157968	<0.005
B0157969	<0.005
B0157970	<0.005
B0157971	<0.005
B0157972	<0.005
B0157973	<0.005
B0157974	<0.005
B0157975	<0.005
B0157976	<0.005
B0157977	<0.005
B0157978	<0.005
B0157979	<0.005
B0157980	0.009
B0157981	8.9
B0157982	<0.005
B0157983	0.005
B0157984	0.005
B0157985	<0.005
B0157986	0.005
B0157987	<0.005
B0157988	<0.005
B0157989	<0.005
B0157990	0.005
B0157991	0.007
B0157992	<0.005
B0157993	<0.005
B0157994	<0.005
B0157995	0.005
B0157996	<0.005
B0157997	<0.005
B0157998	<0.005
B0157999	<0.005
W932251	0.006
W932252	1.815

W932253	<0.005
W932254	<0.005
W932255	<0.005
W932256	<0.005
W932257	<0.005
W932258	<0.005
W932259	0.009
W932260	<0.005
W932261	<0.005
W932262	<0.005
W932263	<0.005
W932264	<0.005
W932265	0.006
W932266	0.01
W932267	<0.005
W932268	<0.005
W932269	<0.005
W932270	<0.005
W932271	<0.005
W932272	<0.005
W932273	<0.005
W932274	<0.005
W932275	<0.005
W932276	<0.005
W932277	<0.005
W932278	<0.005
W932279	<0.005
W932280	8.87
W932281	<0.005
W932282	<0.005
W932283	<0.005
W932284	<0.005
W932285	<0.005
W932286	<0.005
W932287	0.011
W932288	<0.005
W932289	<0.005
W932290	<0.005
W932291	<0.005
W932292	<0.005
W932293	0.005
W932294	0.017
W932295	<0.005
W932296	<0.005
W932297	0.006
W932298	0.186
W932299	0.016

W932300	0.008
W932301	0.046
W932302	0.059
W932303	<0.005
W932304	0.093
W932305	0.006
W932306	0.035
W932307	<0.005
W932308	0.005
W932309	0.037
W932310	0.005
W932311	8.48
W932312	<0.005
W932313	<0.005
W932314	0.01
W932315	0.042
W932316	<0.005
W932317	<0.005
W932318	0.008
W932319	0.009
W932320	0.023
W932321	0.558
W932322	<0.005
W932323	<0.005
W932324	<0.005
W932325	<0.005
W932326	<0.005
W932327	<0.005
W932328	0.011
W932329	<0.005
W932330	8.73
W932331	0.007
W932332	<0.005
W932333	<0.005
W932334	<0.005
W932335	<0.005
W932336	<0.005
W932337	<0.005
W932338	<0.005
W932339	<0.005
W932340	<0.005
W932341	<0.005
W932342	<0.005
W932343	<0.005
W932344	<0.005
W932345	<0.005
W932346	0.218

W932347	2.21
W932348	0.795
W932349	0.038
W932350	<0.005
W932351	<0.005
W932352	<0.005
W932353	<0.005
W932354	0.01
W932355	<0.005
W932356	<0.005
W932357	<0.005
W932358	0.011
W932359	<0.005
W932360	0.01

TM20253829 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 192

DATE RECEIVED : 2020-11-02 DATE FINALIZED : 2020-12-25

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
GLG313-1	0.029
GLG313-1	0.029
OxA131	0.074
OxA131	0.072
KIP-19	2.42
PMP-18	0.299
KIP-19	2.43
PMP-18	0.311
G910-10	0.987
G910-10	0.944
KIP-19	2.42
G313-5	7.18
G313-5	7.21
PMP-18	0.307
PMP-18	0.3
KIP-19	2.48
BLANK	<0.005
BLANK	<0.005
BLANK	<0.005
BLANK	<0.005

TM20253829 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 192

DATE RECEIVED : 2020-11-02 DATE FINALIZED : 2020-12-25

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
B0157928	<0.005
B0157928	0.005
B0157972	<0.005
B0157972	<0.005
B0157999	<0.005
B0157999	<0.005
W932270	<0.005
W932270	<0.005
W932290	<0.005
W932290	<0.005
W932329	<0.005
W932329	<0.005
W932349	0.038
W932349	0.058

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83
Oreas 228b	8.57	0.199	8.63	8.51

Drillhole Summary

DDH ID	RN-20-17							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365568	5303589	397	180	-45	102.0
Purpose	Test true thickness of Feldspar Porphyry and gold showing							
Explanation	QFP intersected							
Start date	October 31, 2020							
End date	November 5, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	15 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Casing for RN-20-03 making water							
Logged By	Todd Keast							
Log Completed	October 6 , 2020	Assays Added	Jan 18, 2021					
Comments	97 Samples							
Comments	22 boxes of core							

BHID	From	To	Litho	Comment
RN-20-17	0.0	13.5	CAS	CASING-Overburden
RN-20-17	13.5	41.50	FP	Feldspar Porphyry- Green dark with distinct subhedral to euhedral feldspar phenocrysts, 3-8mm. Groundmass dark green fine grained siliceous. Weak foliation scattered sections with 1-3% qtz veins. 10-15% phenocrysts. Broken blocky sections throughout. 21.0 - 24.0 strong foliation with 3-5% white qtz veins 1-3 cm. Sericitic possible epidote? Fine hairline fractures 1-2mm quartz filled throughout unit.
RN-20-17	41.50	58.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Strongly banded with alternating darker and lighter bands/beds, fine tuff - argillite material. rare lapilli clast. 44.0-44.5 light bleached sericite rich bands siliceous. 50.9- 51.2 White qtz veins and vein breccia
RN-20-17	58.00	77.40	SERCHLORSCH	Sericite Chlorite Schist - Light buff to yellow strongly foliated qtz ser chlor schist. Gradational upper contact of the overlying banded tuff. 58.5-59.56 Strong sercite schist 3-5% white qtz veins 1 cm parallel to foliation. 69.0 -72.0 strong sericite schist with 10-15% dark grey qtz eyes. Unit siliceous. Foliated 72.0 - 75.5 7-10% white qtz veins yo t 10 cm wide. Parallel and cross cutting.
RN-20-17	77.40	81.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained strong well developed banding/bedding Alternating lighter and slightly darker bands scattered black argillite band laminations. 84.0 - 87.5 Strongest section of brecciation and veining, 1-3% py.
RN-20-17	81.00	99.00	SHDARGblk	Sheared Argillite Black - Cgradational with unit above increasing foliation and presecnce of qtz veins. beds. Down unit distinct brecciation of darker black argillite bands. Over all 7-10% qtz stringers and filling fractures.
RN-20-17	99.00	102.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Strongly banded with alternating darker and lighter bands/beds, fine tuff - argillite material. rare lapilli clast.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldpsar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-17	0		180.0	-45.0			Y	Y	As spotted in field.
RN-20-17	24	195.8	186.8	-42.8		51179.00	Y	Y	

BHID	Depth	MS	Lith	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
RN-20-17	22.0		0.07 FP	
RN-20-17	30.5		0.11 FP	
RN-20-17	40.0		0.16 FP	
RN-20-17	49.5		0.25 IVOLCtuf	
RN-20-17	51.0		0.17 IVOLCtuf	
RN-20-17	MS-4		23.50	
RN-20-17	59.5		0.24 SERCHLORSCH	
RN-20-17	65.3		0.22 SERCHLORSCH	
RN-20-17	76.8		0.18 IVOLCarg	
RN-20-17	81.2		0.23 SHDARGblk	
RN-20-17	85.0		0.20 SHDARGblk	
RN-20-17	MS-2		0.01	
RN-20-17	96.2		1.05 SHDARGblk	
RN-20-17	99.2		0.14 IVOLCtuf	
RN-20-17	102.0		0.15 IVOLCtuf	

BHID	Date No SG Readings	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc <i>Ohaus Scout SIX 1502N/E Balance</i>	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
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BHID	Depth	Core Angle	DDH		Oriented Core		Calculated Values		Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
			Az	Dip	Alpha	Beta	Az	Dip						
							No Core angles							

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-17	0.0	13.5	Casing		Casing			
RN-20-17	13.5	15.0	1.5	1.5				
RN-20-17	15.0	18.0	2.9	1.5				
RN-20-17	18.0	21.0	2.8	1.4				
RN-20-17	21.0	24.0	2.9	2.6				
RN-20-17	24.0	27.0	2.9	2.4				
RN-20-17	27.0	30.0	2.9	1.6				
RN-20-17	30.0	33.0	3.0	1.6				
RN-20-17	33.0	36.0	3.0	2.4				
RN-20-17	36.0	39.0	3.0	2.5				
RN-20-17	39.0	42.0	2.9	2.1				
RN-20-17	42.0	45.0	3.0	2.2				
RN-20-17	45.0	48.0	3.0	1.4				
RN-20-17	48.0	51.0	3.0	2.6				
RN-20-17	51.0	54.0	2.9	1.8				
RN-20-17	54.0	57.0	3.0	2.1				
RN-20-17	57.0	60.0	3.0	2.4				
RN-20-17	60.0	63.0	3.0	2.7				
RN-20-17	63.0	66.0	3.0	2.9				
RN-20-17	66.0	69.0	3.0	2.9				
RN-20-17	69.0	72.0	3.0	1.6				
RN-20-17	72.0	75.0	3.0	0.7				
RN-20-17	75.0	78.0	2.9	0.2				
RN-20-17	78.0	81.0	2.9	1.6				
RN-20-17	81.0	84.0	2.9	1.0				
RN-20-17	84.0	87.0	2.9	1.5				
RN-20-17	87.0	90.0	2.9	1.6				
RN-20-17	90.0	93.0	2.9	1.5				
RN-20-17	93.0	96.0	2.9	1.6				
RN-20-17	96.0	99.0	2.9	1.5				
RN-20-17	99.0	102.0	2.9	1.6				

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Litho	Py %	Qtz Veins %	Comment	Sample	Au-AA23 Au ppm		
RN-20-17	W932361	13.50	14.50	1.00	FP				W932361	<0.005		
RN-20-17	W932362	14.50	15.50	1.00	FP				W932362	0.774		
RN-20-17	W932363	15.50	16.50	1.00	FP				W932363	<0.005		
RN-20-17	W932364	16.50	17.50	1.00	FP				W932364	<0.005		
RN-20-17	W932365	17.50	18.50	1.00	FP				W932365	<0.005		
RN-20-17	W932366	18.50	19.50	1.00	FP				W932366	<0.005		
RN-20-17	W932367	19.50	20.50	1.00	FP				W932367	0.013		
RN-20-17	W932368	20.50	21.50	1.00	FP				W932368	0.007		
RN-20-17	W932369	21.50	22.50	1.00	FP				W932369	0.046		
RN-20-17	W932370	22.50	23.50	1.00	FP				W932370	0.005		
RN-20-17	W932371	23.50	24.50	1.00	FP				W932371	<0.005		
RN-20-17	W932372				Blank				W932372	0	0	
RN-20-17	W932373	24.50	25.50	1.00	FP				W932373	<0.005		
RN-20-17	W932374	25.50	26.50	1.00	FP				W932374	0.006		
RN-20-17	W932375	26.50	27.50	1.00	FP				W932375	<0.005		
RN-20-17	W932376	27.50	28.50	1.00	FP				W932376	<0.005		
RN-20-17	W932377				OREAS 219				W932377	0.768	0.76	
RN-20-17	W932378	28.50	29.50	1.00	FP				W932378	<0.005		
RN-20-17	W932379	29.50	30.50	1.00	FP				W932379	<0.005		
RN-20-17	W932380	30.50	31.50	1.00	FP				W932380	<0.005		
RN-20-17	W932381	31.50	32.50	1.00	FP				W932381	0.034		
RN-20-17	W932382	32.50	33.50	1.00	FP				W932382	0.035		
RN-20-17	W932383	33.50	34.50	1.00	FP				W932383	0.074		
RN-20-17	W932384	34.50	35.50	1.00	FP				W932384	0.009		
RN-20-17	W932385	35.50	36.50	1.00	FP				W932385	0.012		
RN-20-17	W932386	36.50	37.50	1.00	FP				W932386	0.297		
RN-20-17	W932387	37.50	38.50	1.00	FP				W932387	0.01		
RN-20-17	W932388	38.50	39.50	1.00	FP				W932388	<0.005		
RN-20-17	W932389				Blank				W932389	0	0	
RN-20-17	W932390	39.50	40.50	1.00	FP				W932390	0.078		
RN-20-17	W932391	40.50	41.50	1.00	FP				W932391	<0.005		
RN-20-17	W932392	41.50	42.50	1.00	IVOLCtuf				W932392	0.007		

RN-20-17	W932393	42.50	43.50	1.00		IVOLCtuf	W932393	<0.005		
RN-20-17	W932394	43.50	44.50	1.00		IVOLCtuf	W932394	<0.005		
RN-20-17	W932395	44.50	45.50	1.00		IVOLCtuf	W932395	<0.005		
RN-20-17	W932396	45.50	46.50	1.00		IVOLCtuf	W932396	<0.005		
RN-20-17	W932397	46.50	47.50	1.00		IVOLCtuf	W932397	<0.005		
RN-20-17	W932398	47.50	48.50	1.00		IVOLCtuf	W932398	<0.005		
RN-20-17	W932399	48.50	49.50	1.00		IVOLCtuf	W932399	<0.005		
RN-20-17	W932400	49.50	50.50	1.00		IVOLCtuf	W932400	<0.005		
RN-20-17	W932401	50.50	51.50	1.00		IVOLCtuf	W932401	0.016		
RN-20-17	W932402				OREAS 223		W932402	1.78	1.78	
RN-20-17	W932403	51.50	52.50	1.00		IVOLCtuf	W932403	<0.005		
RN-20-17	W932404	52.50	53.50	1.00		IVOLCtuf	W932404	<0.005		
RN-20-17	W932405	53.50	54.50	1.00		IVOLCtuf	W932405	<0.005		
RN-20-17	W932406	54.50	55.50	1.00		IVOLCtuf	W932406	<0.005		
RN-20-17	W932407	55.50	56.50	1.00		IVOLCtuf	W932407	<0.005		
RN-20-17	W932408	56.50	58.00	1.50		IVOLCtuf	W932408	<0.005		
RN-20-17	W932409	58.00	59.00	1.00		SERCHLORSCH	W932409	<0.005		
RN-20-17	W932410	59.00	60.00	1.00		SERCHLORSCH	W932410	0.111		
RN-20-17	W932411				Blank		W932411	0	0	
RN-20-17	W932412	60.00	61.00	1.00		SERCHLORSCH	W932412	<0.005		
RN-20-17	W932413	61.00	62.00	1.00		SERCHLORSCH	W932413	<0.005		
RN-20-17	W932414	62.00	63.00	1.00		SERCHLORSCH	W932414	<0.005		
RN-20-17	W932415	63.00	64.00	1.00		SERCHLORSCH	W932415	<0.005		
RN-20-17	W932416	64.00	65.00	1.00		SERCHLORSCH	W932416	<0.005		
RN-20-17	W932417	65.00	66.00	1.00		SERCHLORSCH	W932417	<0.005		
RN-20-17	W932418	66.00	67.00	1.00		SERCHLORSCH	W932418	<0.005		
RN-20-17	W932419	67.00	68.00	1.00		SERCHLORSCH	W932419	<0.005		
RN-20-17	W932420	68.00	69.00	1.00		SERCHLORSCH	W932420	<0.005		
RN-20-17	W932421	69.00	70.00	1.00		SERCHLORSCH	W932421	<0.005		
RN-20-17	W932422	70.00	71.00	1.00		SERCHLORSCH	W932422	<0.005		
RN-20-17	W932423	71.00	72.00	1.00		SERCHLORSCH	W932423	<0.005		
RN-20-17	W932424				OREAS 228	SERCHLORSCH	W932424	8.75	8.73	
RN-20-17	W932425	72.00	73.00	1.00		SERCHLORSCH	W932425	<0.005		
RN-20-17	W932426	73.00	74.00	1.00		SERCHLORSCH	W932426	<0.005		

RN-20-17	W932427	74.00	75.00	1.00	SERCHLORSCH	W932427	<0.005		
RN-20-17	W932428	75.00	76.00	1.00	SERCHLORSCH	W932428	<0.005		
RN-20-17	W932429	76.00	77.40	1.40	SERCHLORSCH	W932429	<0.005		
RN-20-17	W932430	77.40	78.00	0.60	IVOLCarg	W932430	<0.005		
RN-20-17	W932431	78.00	79.00	1.00	IVOLCarg	W932431	<0.005		
RN-20-17	W932432	79.00	80.00	1.00	IVOLCarg	W932432	0.005		
RN-20-17	W932433	80.00	81.00	1.00	IVOLCarg	W932433	0.005		
RN-20-17	W932434				Blank	W932434	0	0	
RN-20-17	W932435	81.00	82.00	1.00	SHDARGblk	W932435	<0.005		
RN-20-17	W932436	82.00	83.00	1.00	SHDARGblk	W932436	<0.005		
RN-20-17	W932437	83.00	84.00	1.00	SHDARGblk	W932437	<0.005		
RN-20-17	W932438	84.00	85.00	1.00	SHDARGblk	W932438	<0.005		
RN-20-17	W932439	85.00	86.00	1.00	SHDARGblk	W932439	<0.005		
RN-20-17	W932440	86.00	87.00	1.00	SHDARGblk	W932440	<0.005		
RN-20-17	W932441	87.00	88.00	1.00	SHDARGblk	W932441	<0.005		
RN-20-17	W932442	88.00	89.00	1.00	SHDARGblk	W932442	<0.005		
RN-20-17	W932443	89.00	90.00	1.00	SHDARGblk	W932443	<0.005		
RN-20-17	W932444				OREAS 223	W932444	1.805	1.78	
RN-20-17	W932445	90.00	91.00	1.00	SHDARGblk	W932445	<0.005		
RN-20-17	W932446	91.00	92.00	1.00	SHDARGblk	W932446	<0.005		
RN-20-17	W932447	92.00	93.00	1.00	SHDARGblk	W932447	<0.005		
RN-20-17	W932448	93.00	94.00	1.00	SHDARGblk	W932448	<0.005		
RN-20-17	W932449	94.00	95.00	1.00	SHDARGblk	W932449	<0.005		
RN-20-17	W932450	95.00	96.00	1.00	SHDARGblk	W932450	<0.005		
RN-20-17	W932451	96.00	97.00	1.00	SHDARGblk	W932451	<0.005		
RN-20-17	W932452	97.00	98.00	1.00	SHDARGblk	W932452	<0.005		
RN-20-17	W932453	98.00	99.00	1.00	SHDARGblk	W932453	<0.005		
RN-20-17	W932454	99.00	100.00	1.00	IVOLCtuf	W932454	<0.005		
RN-20-17	W932455	100.00	101.00	1.00	IVOLCtuf	W932455	<0.005		
RN-20-17	W932456	101.00	102.00	1.00	IVOLCtuf	W932456	<0.005		

TM20259735 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 93

DATE RECEIVED : 2020-11-09 DATE FINALIZED : 2021-01-16

PROJECT : RN-20-17

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm	
W932361	<0.005	
W932362		0.774
W932363	<0.005	
W932364	<0.005	
W932365	<0.005	
W932366	<0.005	
W932367		0.013
W932368		0.007
W932369		0.046
W932370		0.005
W932371	<0.005	
W932372		
W932373	<0.005	
W932374		0.006
W932375	<0.005	
W932376	<0.005	
W932377		0.768
W932378	<0.005	
W932379	<0.005	
W932380	<0.005	
W932381		0.034
W932382		0.035
W932383		0.074
W932384		0.009
W932385		0.012
W932386		0.297
W932387		0.01
W932388	<0.005	
W932390		0.078
W932391	<0.005	
W932392		0.007
W932393	<0.005	
W932394	<0.005	
W932395	<0.005	
W932396	<0.005	
W932397	<0.005	
W932398	<0.005	

W932399	<0.005	
W932400	<0.005	
W932401		0.016
W932402		1.78
W932403	<0.005	
W932404	<0.005	
W932405	<0.005	
W932406	<0.005	
W932407	<0.005	
W932408	<0.005	
W932409	<0.005	
W932410		0.111
W932412	<0.005	
W932413	<0.005	
W932414	<0.005	
W932415	<0.005	
W932416	<0.005	
W932417	<0.005	
W932418	<0.005	
W932419	<0.005	
W932420	<0.005	
W932421	<0.005	
W932422	<0.005	
W932423	<0.005	
W932424		8.75
W932425	<0.005	
W932426	<0.005	
W932427	<0.005	
W932428	<0.005	
W932429	<0.005	
W932430	<0.005	
W932431	<0.005	
W932432		0.005
W932433		0.005
W932435	<0.005	
W932436	<0.005	
W932437	<0.005	
W932438	<0.005	
W932439	<0.005	
W932440	<0.005	
W932441	<0.005	
W932442	<0.005	
W932443	<0.005	
W932444		1.805
W932445	<0.005	
W932446	<0.005	
W932447	<0.005	

W932448	<0.005
W932449	<0.005
W932450	<0.005
W932451	<0.005
W932452	<0.005
W932453	<0.005
W932454	<0.005
W932455	<0.005
W932456	<0.005

TM20259735 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 93

DATE RECEIVED : 2020-11-09 DATE FINALIZED : 2021-01-16

PROJECT : RN-20-17

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.716
PMP-18	0.314
G919-10	7.67
CDN-GS-5X	4.96
BLANK	<0.005
BLANK	<0.005

TM20259735 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 93

DATE RECEIVED : 2020-11-09 DATE FINALIZED : 2021-01-16

PROJECT : RN-20-17

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932379	<0.005
W932379	0.005
W932419	<0.005
W932419	<0.005
W932440	<0.005
W932440	<0.005

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83
Oreas 228b	8.57	0.199	8.63	8.51

Drillhole Summary

DDH ID	RN-20-18							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	192726	17U	365400	5303675	387	0	-45	252
Purpose	Test Magnetic low west of Raney Zone							
Explanation	Alteration zone intersected							
Start date	November 5, 2020							
End date	November 10, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	12 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Lake 150 m west of setup.							
Logged By	Todd Keast							
Log Completed	November 11 , 2020	Assays Added	Dec, 28 2020					
Comments	124 Samples							
Comments	58 boxes of core							

BHID	From	To	Litho	Comment
RN-20-18	0.0	12.0	CAS	CASING-Overburden
RN-20-18	12.0	39.90	IVOLC	Intermediate Volcanics - Feldspar phric with 10-15% feldspar phenocrysts and clots up to 8mm Possible intermediate flow 17.5 narrow dark green band 2 cm wide cooling feature? Weak foliation 16.3-16.6 dark black mafic dike. 22.5-23.0 bbc. 23.4-24.9 Dark black mafic Dike sharp contacts.
RN-20-18	39.90	67.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Gradational disappearance of feldspar phenocrysts and clots. Banded/bedded appearance with alternating scattered lighter fine green bands. Scattered intervals/bands with distinct lapilli sized clasts. 45-49 1-2% narrow qtz veins and fractures. 59.0-62.0 5-7% fine 1mm qtz filled fractures parallel to foliation and cross cutting.
RN-20-18	67.00	78.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less than 1 cm Distinct increase in presence of narrow 1cm qtz veins and qtz filled fractures 1-3% locally 5%.
RN-20-18	78.00	88.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. 84.3-4 grey qtz veins parallel to foliation
RN-20-18	88.00	102.40	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less than 1 cm 3-5% qtz filled fractures crosscutting and parallel to foliation. 1mm - 1 cm
RN-20-18	102.40	112.50	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Distinct lapilli sized clast up to 2 cm, poorly sorted. 106-112 2-5% qtz veins up to 1 cm
RN-20-18	112.50	141.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less than 1 cm Unit is hard siliceous with 1-3% qtz veins up to 1 cm Possible weak alteration

RN-20-18	141.00	151.00	ALTZN	Alteration Zone -Distinct buff sericitic alteration with 10-15% qtz veins up to 10 cm wide parallel and cross cutting. Weak foliation 148.0 -151.0 broken blocky core
RN-20-18	151.00	158.00	IVOLCarg	Intermediate Volcanic Argillite - Light green-grey fine grained foliation decreasing well developed banding/bedding Alternating lighter and slightly darker bands. local qtz veins up to 10%. 129.1-130.0 Mafic Dike
RN-20-18	158.00	170.00	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Distict lapilli sized clast up to 2 cm, poorly sorted. 1-3% qtz veins
RN-20-18	170.00	181.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less then 1 cm
RN-20-18	181.00	200.50	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less then 1 cm. Distinct white feldpspar lapilli 1-2mm
RN-20-18	200.50	209.50	IVOLClaptuf	Intermediate Volcanics Lapilli Tuff - Distict lapilli sized clast up to 2 cm, poorly sorted. 1-3% qtz veins 198.3-198.6 Qtz vein tr po cpu py.
RN-20-18	209.50	217.50	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less then 1 cm.
RN-20-18	217.50	220.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less then 1 cm. Distinct white feldpspar lapilli 1-2mm
RN-20-18	220.00	228.70	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less then 1 cm.
RN-20-18	228.70	252.00	IVOLCtuf	Intermediate Volcanics Fine Tuff - Intervals of distinct banded material interbedded with massive sections. Alternating lighter and slightly darker bands. Scattered clasts less then 1 cm. Distinct white feldpspar lapilli 1-2mm 240.5-242.5 Well banded fine alternating lighter and darker bands/beds. 247.4-249.6 fine grained lighter and darker banded interval.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldpsar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-18	0		0.0	-45.0			Y	Y	As spotted in field.
RN-20-18	21	11.5	2.5	-44.3	55751		Y	Y	
RN-20-18	72	10.8	1.8	-40.9	55182		Y	Y	
RN-20-18	123.0	10.7	1.7	-38.4	55019		Y	Y	
RN-20-18	174.0	10.9	1.9	-35.3	55007		Y	Y	
RN-20-18	225.0	11.4	2.4	-32.1	55255		Y	Y	

BHID	Depth	MS	Lith	Terraplus KT-5 Magnetic Susceptibility Meter
RN-20-18	12.2		0.14 IVOLC	
RN-20-18	19.0		0.23 IVOLC	
RN-20-18	24.0		20.60 IVOLC	
RN-20-18	27.0		0.27 MD	
RN-20-18	33.0		0.20 IVOLC	
RN-20-18	37.2		0.27 IVOLC	
RN-20-18	41.5		0.39 IVOLC	
RN-20-18	44.5		0.25 IVOLC	
RN-20-18	47.2		0.19 IVOLC	
RN-20-18	54.0		0.25 IVOLCtuf	
RN-20-18	MS-3		1.05	
RN-20-18	62.0		0.11 IVOLCtuf	
RN-20-18	69.2		0.24 IVOLCtuf	
RN-20-18	73.0		0.11 IVOLCtuf	
RN-20-18	80.0		0.11 IVOLCtuf	
RN-20-18	87.0		0.05 IVOLCtuf	
RN-20-18	94.0		0.09 IVOLCtuf	
RN-20-18	98.3		0.07 IVOLCtuf	
RN-20-18	102.5		0.08 IVOLClaptuf	
RN-20-18	108.0		0.05 IVOLClaptuf	
RN-20-18	114.0		0.07 IVOLCtuf	
RN-20-18	119.5		0.09 IVOLCtuf	
RN-20-18	121.0		0.08 IVOLCtuf	
RN-20-18	128.3		0.05 IVOLCtuf	
RN-20-18	134.0		0.10 IVOLCtuf	
RN-20-18	141.3		0.00 ALTZN	
RN-20-18	144.0		0.02 ALTZN	
RN-20-18	148.0		0.08 ALTZN	
RN-20-18	155.0		0.07 IVOLCarg	
RN-20-18	160.0		0.06 IVOLCarg	
RN-20-18	163.0		0.11 IVOLClaptuf	
RN-20-18	167.2		0.11 IVOLClaptuf	
RN-20-18	174.0		0.07 IVOLCtuf	
RN-20-18	178.0		0.06 IVOLCtuf	
RN-20-18	185.1		0.11 IVOLCtuf	
RN-20-18	189.5		0.09 IVOLCtuf	
RN-20-18	195.2		0.07 IVOLCtuf	
RN-20-18	201.0		0.10 IVOLClaptuf	
RN-20-18	206.9		0.08 IVOLClaptuf	
RN-20-18	212.0		0.33 IVOLCtuf	
RN-20-18	215.0		0.14 IVOLCtuf	
RN-20-18	222.0		0.08 IVOLCtuf	
RN-20-18	229.0		0.14 IVOLCtuf	
RN-20-18	231.0		0.05 IVOLCtuf	
RN-20-18	238.0		0.11 IVOLCtuf	
RN-20-18	243.5		0.14 IVOLCtuf	

RN-20-18	246.5	0.09	IVOLCtuf
RN-20-18	248.0	0.13	IVOLCtuf
RN-20-18	252.0	0.07	IVOLCtuf
RN-20-18	253.5	0.31	IVOLCtuf
RN-20-18	MS-2	0.01	

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG	Mag Susc	<i>Ohaus Scout SIX 1502N/E Balance</i>	<i>Terraplus KT-5 Magnetic Susceptibility Meter</i>
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No SG measurments

RN-20-16

RN-20-16

RN-20-16

RN-20-16

RN-20-16

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-18	0.0	12.0	Casing		Casing			
RN-20-18	12.0	15.0	3.0	2.9				
RN-20-18	15.0	18.0	2.9	2.1				
RN-20-18	18.0	21.0	2.9	2.8				
RN-20-18	21.0	24.0	2.8	2.1				
RN-20-18	24.0	27.0	3.0	2.5				
RN-20-18	27.0	30.0	3.0	2.9				
RN-20-18	30.0	33.0	3.0	2.9				
RN-20-18	33.0	36.0	2.9	2.7				
RN-20-18	36.0	39.0	3.0	2.9				
RN-20-18	39.0	42.0	3.0	2.9				
RN-20-18	42.0	45.0	2.9	1.5				
RN-20-18	45.0	48.0	3.0	2.1				
RN-20-18	48.0	51.0	2.9	1.8				
RN-20-18	51.0	54.0	3.0	2.6				
RN-20-18	54.0	57.0	2.9	2.6				
RN-20-18	57.0	60.0	3.0	2.7				
RN-20-18	60.0	63.0	3.0	2.8				
RN-20-18	63.0	66.0	3.0	2.8				
RN-20-18	66.0	69.0	3.0	2.9				
RN-20-18	69.0	72.0	3.0	2.9				
RN-20-18	72.0	75.0	3.0	3.0				
RN-20-18	75.0	78.0	3.0	2.9				
RN-20-18	78.0	81.0	3.0	3.0				
RN-20-18	81.0	84.0	3.0	2.9				
RN-20-18	84.0	87.0	3.0	2.8				
RN-20-18	87.0	90.0	3.0	3.0				
RN-20-18	90.0	93.0	3.0	2.9				
RN-20-18	93.0	96.0	3.0	2.7				
RN-20-18	96.0	99.0	3.0	2.8				
RN-20-18	99.0	102.0	3.0	1.5				
RN-20-18	102.0	105.0	3.0	2.7				
RN-20-18	105.0	108.0	3.0	2.3				
RN-20-18	108.0	111.0	3.0	3.0				
RN-20-18	111.0	114.0	3.0	2.7				
RN-20-18	114.0	117.0	3.0	2.5				
RN-20-18	117.0	120.0	3.0	2.5				
RN-20-18	120.0	123.0	3.0	2.9				
RN-20-18	123.0	126.0	3.0	2.8				
RN-20-18	126.0	129.0	3.0	2.8				
RN-20-18	129.0	132.0	3.0	2.9				
RN-20-18	132.0	135.0	3.0	3.0				
RN-20-18	135.0	138.0	3.0	3.0				
RN-20-18	138.0	141.0	3.0	2.8				
RN-20-18	141.0	144.0	3.0	2.7				
RN-20-18	144.0	147.0	3.0	2.6				

RN-20-18	147.0	150.0	3.0	1.2
RN-20-18	150.0	153.0	2.0	0.6
RN-20-18	153.0	156.0	2.6	0.1
RN-20-18	156.0	159.0	3.0	2.8
RN-20-18	159.0	162.0	2.6	1.2
RN-20-18	162.0	165.0	3.0	2.9
RN-20-18	165.0	168.0	2.9	2.9
RN-20-18	168.0	171.0	3.0	2.9
RN-20-18	171.0	174.0	3.0	2.9
RN-20-18	174.0	177.0	2.9	2.5
RN-20-18	177.0	180.0	2.9	2.5
RN-20-18	180.0	183.0	3.0	3.0
RN-20-18	183.0	186.0	3.0	3.0
RN-20-18	186.0	189.0	3.0	2.9
RN-20-18	189.0	192.0	3.0	2.8
RN-20-18	192.0	195.0	3.0	2.6
RN-20-18	195.0	198.0	3.0	2.7
RN-20-18	198.0	201.0	2.9	2.4
RN-20-18	201.0	204.0	3.0	2.8
RN-20-18	204.0	207.0	3.0	2.2
RN-20-18	207.0	210.0	3.0	2.2
RN-20-18	210.0	213.0	3.0	2.7
RN-20-18	213.0	216.0	3.0	2.9
RN-20-18	216.0	219.0	3.0	3.0
RN-20-18	219.0	222.0	3.0	3.0
RN-20-18	222.0	225.0	3.0	2.8
RN-20-18	225.0	228.0	3.0	3.0
RN-20-18	228.0	231.0	3.0	3.0
RN-20-18	231.0	234.0	3.0	2.9
RN-20-18	234.0	237.0	3.0	2.7
RN-20-18	237.0	240.0	3.0	2.5
RN-20-18	240.0	243.0	3.0	2.8
RN-20-18	243.0	246.0	3.0	2.9
RN-20-18	246.0	249.0	3.0	2.3
RN-20-18	249.0	252.0	3.0	2.7

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm	Accepted Value
RN-20-18	W932457	45.00	46.00	1.00	IVOLCtuf		1		W932457	0.14	
RN-20-18	W932458	46.00	47.00	1.00	IVOLCtuf		1		W932458	<0.005	
RN-20-18	W932459	47.00	48.00	1.00	IVOLCtuf		1		W932459	<0.005	
RN-20-18	W932460	48.00	49.00	1.00	IVOLCtuf		1		W932460	0.071	
RN-20-18	W932461	58.00	59.00	1.00	IVOLCtuf		5		W932461	<0.005	
RN-20-18	W932462	59.00	60.00	1.00	IVOLCtuf		5		W932462	<0.005	
RN-20-18	W932463	60.00	61.00	1.00	IVOLCtuf		7		W932463	<0.005	
RN-20-18	W932464	61.00	62.00	1.00	IVOLCtuf		3		W932464	<0.005	
RN-20-18	W932465	67.00	68.00	1.00	IVOLCtuf		3		W932465	<0.005	
RN-20-18	W932466	68.00	69.00	1.00	IVOLCtuf		3		W932466	0.007	
RN-20-18	W932467	69.00	70.00	1.00	IVOLCtuf		3		W932467	<0.005	
RN-20-18	W932468				Blank						
RN-20-18	W932469	70.00	71.00	1.00	IVOLCtuf		3		W932469	0.015	
RN-20-18	W932470	71.00	72.00	1.00	IVOLCtuf		3		W932470	<0.005	
RN-20-18	W932471	72.00	73.00	1.00	IVOLCtuf		3		W932471	<0.005	
RN-20-18	W932472	73.00	74.00	1.00	IVOLCtuf		3		W932472	<0.005	
RN-20-18	W932473				OREAS 219				W932473	0.758	0.76
RN-20-18	W932474	74.00	75.00	1.00	IVOLCtuf		3		W932474	<0.005	
RN-20-18	W932475	75.00	76.00	1.00	IVOLCtuf		3		W932475	0.086	
RN-20-18	W932476	76.00	77.00	1.00	IVOLCtuf		3		W932476	<0.005	
RN-20-18	W932477	77.00	78.00	1.00	IVOLCtuf		3		W932477	<0.005	
RN-20-18	W932478	88.00	89.00	1.00	IVOLCtuf		3		W932478	<0.005	
RN-20-18	W932479	89.00	90.00	1.00	IVOLCtuf		3		W932479	<0.005	
RN-20-18	W932480	90.00	91.00	1.00	IVOLCtuf		3		W932480	<0.005	
RN-20-18	W932481	91.00	92.00	1.00	IVOLCtuf		3		W932481	<0.005	
RN-20-18	W932482	92.00	93.00	1.00	IVOLCtuf		3		W932482	0.005	
RN-20-18	W932483	93.00	94.00	1.00	IVOLCtuf		3		W932483	<0.005	
RN-20-18	W932484	94.00	95.00	1.00	IVOLCtuf		3		W932484	<0.005	
RN-20-18	W932485	95.00	96.00	1.00	IVOLCtuf		3		W932485	<0.005	
RN-20-18	W932486				Blank						
RN-20-18	W932487	96.00	97.00	1.00	IVOLCtuf		3		W932487	0.009	
RN-20-18	W932488	97.00	98.00	1.00	IVOLCtuf		3		W932488	<0.005	
RN-20-18	W932489	98.00	99.00	1.00	IVOLCtuf		1		W932489	<0.005	
RN-20-18	W932490	106.00	107.00	1.00	IVOLClaptuf		3		W932490	0.246	
RN-20-18	W932491	107.00	108.00	1.00	IVOLClaptuf		3		W932491	0.501	
RN-20-18	W932492				OREAS 223				W932492	1.78	1.78
RN-20-18	W932493	108.00	109.00	1.00	IVOLClaptuf		3		W932493	0.264	
RN-20-18	W932494	109.00	110.00	1.00	IVOLClaptuf		3		W932494	0.086	
RN-20-18	W932495	110.00	111.00	1.00	IVOLClaptuf		3		W932495	0.122	
RN-20-18	W932496	111.00	112.50	1.50	IVOLClaptuf		3		W932496	0.012	
RN-20-18	W932497	112.50	114.00	1.50	IVOLCtuf				W932497	<0.005	
RN-20-18	W932498	114.00	115.00	1.00	IVOLCtuf				W932498	<0.005	
RN-20-18	W932499	115.00	116.00	1.00	IVOLCtuf				W932499	<0.005	
RN-20-18	W932500	116.00	117.00	1.00	IVOLCtuf				W932500	0.012	
RN-20-18	W932501	117.00	118.00	1.00	IVOLCtuf				W932501	<0.005	
RN-20-18	W932502	118.00	119.00	1.00	IVOLCtuf				W932502	<0.005	
RN-20-18	W932503	119.00	120.00	1.00	IVOLCtuf				W932503	0.032	
RN-20-18	W932504	120.00	121.00	1.00	IVOLCtuf				W932504	<0.005	
RN-20-18	W932505	121.00	122.00	1.00	IVOLCtuf				W932505	0.015	
RN-20-18	W932506				Blank						
RN-20-18	W932507	122.00	123.00	1.00	IVOLCtuf				W932507	0.247	
RN-20-18	W932508	123.00	124.00	1.00	IVOLCtuf				W932508	0.256	
RN-20-18	W932509	124.00	125.00	1.00	IVOLCtuf				W932509	0.115	
RN-20-18	W932510	125.00	126.00	1.00	IVOLCtuf				W932510	<0.005	
RN-20-18	W932511	126.00	127.00	1.00	IVOLCtuf				W932511	0.03	
RN-20-18	W932512	127.00	128.00	1.00	IVOLCtuf				W932512	0.005	
RN-20-18	W932513				OREAS 219				W932513	0.731	0.76
RN-20-18	W932514	128.00	129.00	1.00	IVOLCtuf				W932514	<0.005	
RN-20-18	W932515	129.00	130.00	1.00	IVOLCtuf				W932515	<0.005	
RN-20-18	W932516	130.00	131.00	1.00	IVOLCtuf				W932516	<0.005	
RN-20-18	W932517	131.00	132.00	1.00	IVOLCtuf				W932517	<0.005	
RN-20-18	W932518	132.00	133.00	1.00	IVOLCtuf				W932518	<0.005	
RN-20-18	W932519	133.00	134.00	1.00	IVOLCtuf				W932519	<0.005	
RN-20-18	W932520	134.00	135.00	1.00	IVOLCtuf				W932520	<0.005	
RN-20-18	W932521	135.00	136.00	1.00	IVOLCtuf				W932521	<0.005	
RN-20-18	W932522	136.00	137.00	1.00	IVOLCtuf				W932522	0.006	
RN-20-18	W932523	137.00	138.00	1.00	IVOLCtuf				W932523	<0.005	
RN-20-18	W932524	138.00	139.00	1.00	IVOLCtuf				W932524	<0.005	
RN-20-18	W932525				Blank						
RN-20-18	W932526	139.00	140.00	1.00	IVOLCtuf				W932526	0.052	

RN-20-18	W932527	140.00	141.00	1.00		IVOLCtuf		W932527	0.005	
RN-20-18	W932528	141.00	142.00	1.00		ALTZN	25	W932528	2.98	
RN-20-18	W932529	142.00	143.00	1.00		ALTZN	10	W932529	0.28	
RN-20-18	W932530	143.00	144.00	1.00		ALTZN	10	W932530	3.71	
RN-20-18	W932531	144.00	145.00	1.00		ALTZN	25	W932531	1.425	
RN-20-18	W932532				OREAS 228b			W932532	8.67	8.57
RN-20-18	W932533	145.00	146.00	1.00		ALTZN	3	W932533	0.451	
RN-20-18	W932534	146.00	147.00	1.00		ALTZN	5	W932534	1.905	
RN-20-18	W932535	147.00	148.00	1.00		ALTZN	10	W932535	0.93	
RN-20-18	W932536	148.00	149.00	1.00		ALTZN	25	W932536	0.269	
RN-20-18	W932537	149.00	150.00	1.00		ALTZN	25	W932537	0.245	
RN-20-18	W932538	150.00	151.00	1.00		ALTZN	2	W932538	0.022	
RN-20-18	W932539	151.00	152.00	1.00		IVOLCarg		W932539	0.02	
RN-20-18	W932540	152.00	153.00	1.00		IVOLCarg		W932540	0.007	
RN-20-18	W932541	153.00	154.00	1.00		IVOLCarg		W932541	0.007	
RN-20-18	W932542	154.00	155.00	1.00		IVOLCarg		W932542	0.017	
RN-20-18	W932543	155.00	156.00	1.00		IVOLCarg		W932543	0.008	
RN-20-18	W932544	156.00	157.00	1.00		IVOLCarg		W932544	<0.005	
RN-20-18	W932545	157.00	158.00	1.00		IVOLCarg		W932545	<0.005	
RN-20-18	W932546	158.00	159.00	1.00		IVOLClaptuf		W932546	<0.005	
RN-20-18	W932547				Blank					
RN-20-18	W932548	159.00	160.00	1.00		IVOLClaptuf		W932548	0.009	
RN-20-18	W932549	160.00	161.00	1.00		IVOLClaptuf		W932549	<0.005	
RN-20-18	W932550	161.00	162.00	1.00		IVOLClaptuf		W932550	0.005	
RN-20-18	W932551	162.00	163.00	1.00		IVOLClaptuf		W932551	0.005	
RN-20-18	W932552	163.00	164.00	1.00		IVOLClaptuf		W932552	<0.005	
RN-20-18	W932553	164.00	165.00	1.00		IVOLClaptuf		W932553	<0.005	
RN-20-18	W932554	165.00	166.00	1.00		IVOLClaptuf		W932554	<0.005	
RN-20-18	W932555	166.00	167.00	1.00		IVOLClaptuf		W932555	<0.005	
RN-20-18	W932556	167.00	168.00	1.00		IVOLClaptuf		W932556	0.005	
RN-20-18	W932557				OREAS 219			W932557	0.751	0.76
RN-20-18	W932558	168.00	169.00	1.00		IVOLClaptuf		W932558	0.025	
RN-20-18	W932559	169.00	170.00	1.00		IVOLClaptuf		W932559	0.014	
RN-20-18	W932560	170.00	171.00	1.00		IVOLCtuf		W932560	<0.005	
RN-20-18	W932561	171.00	172.00	1.00		IVOLCtuf		W932561	<0.005	
RN-20-18	W932562	172.00	173.00	1.00		IVOLCtuf		W932562	<0.005	
RN-20-18	W932563	173.00	174.00	1.00		IVOLCtuf		W932563	<0.005	
RN-20-18	W932564	181.00	182.00	1.00		IVOLCtuf		W932564	<0.005	
RN-20-18	W932565	182.00	183.00	1.00		IVOLCtuf		W932565	<0.005	
RN-20-18	W932566	183.00	184.00	1.00		IVOLCtuf		W932566	<0.005	
RN-20-18	W932567	197.00	198.30	1.30		IVOLCtuf		W932567	0.038	
RN-20-18	W932568	198.30	199.00	0.70		IVOLCtuf		W932568	0.083	
RN-20-18	W932569	208.00	209.00	1.00		IVOLCtuf		W932569	0.032	
RN-20-18	W932570	209.00	210.00	1.00		IVOLCtuf		W932570	0.064	
RN-20-18	W932571	210.00	211.00	1.00		IVOLCtuf		W932571	0.119	
RN-20-18	W932572	211.00	212.00	1.00		IVOLCtuf		W932572	0.247	
RN-20-18	W932573	212.00	213.00	1.00		IVOLCtuf		W932573	0.241	
RN-20-18	W932574				Blank					
RN-20-18	W932575	213.00	214.00	1.00		IVOLCtuf		W932575	0.12	
RN-20-18	W932576	214.00	215.00	1.00		IVOLCtuf		W932576	0.055	
RN-20-18	W932577	215.00	216.00	1.00		IVOLCtuf		W932577	0.01	
RN-20-18	W932578	216.00	217.00	1.00		IVOLCtuf		W932578	0.005	
RN-20-18	W932579	217.00	218.00	1.00		IVOLCtuf		W932579	<0.005	
RN-20-18	W932580	219.00	220.00	1.00		IVOLCtuf		W932580	<0.005	

TM20267509 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 118

DATE RECEIVED : 2020-11-16 DATE FINALIZED : 2021-01-19

PROJECT : RN-20-18

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932457	0.14
W932458	<0.005
W932459	<0.005
W932460	0.071
W932461	<0.005
W932462	<0.005
W932463	<0.005
W932464	<0.005
W932465	<0.005
W932466	0.007
W932467	<0.005
W932469	0.015
W932470	<0.005
W932471	<0.005
W932472	<0.005
W932473	0.758
W932474	<0.005
W932475	0.086
W932476	<0.005
W932477	<0.005
W932478	<0.005
W932479	<0.005
W932480	<0.005
W932481	<0.005
W932482	0.005
W932483	<0.005
W932484	<0.005
W932485	<0.005
W932487	0.009
W932488	<0.005
W932489	<0.005
W932490	0.246
W932491	0.501
W932492	1.78
W932493	0.264
W932494	0.086
W932495	0.122

W932496	0.012
W932497	<0.005
W932498	<0.005
W932499	<0.005
W932500	0.012
W932501	<0.005
W932502	<0.005
W932503	0.032
W932504	<0.005
W932505	0.015
W932507	0.247
W932508	0.256
W932509	0.115
W932510	<0.005
W932511	0.03
W932512	0.005
W932513	0.731
W932514	<0.005
W932515	<0.005
W932516	<0.005
W932517	<0.005
W932518	<0.005
W932519	<0.005
W932520	<0.005
W932521	<0.005
W932522	0.006
W932523	<0.005
W932524	<0.005
W932526	0.052
W932527	0.005
W932528	2.98
W932529	0.28
W932530	3.71
W932531	1.425
W932532	8.67
W932533	0.451
W932534	1.905
W932535	0.93
W932536	0.269
W932537	0.245
W932538	0.022
W932539	0.02
W932540	0.007
W932541	0.007
W932542	0.017
W932543	0.008
W932544	<0.005

W932545	<0.005
W932546	<0.005
W932548	0.009
W932549	<0.005
W932550	0.005
W932551	0.005
W932552	<0.005
W932553	<0.005
W932554	<0.005
W932555	<0.005
W932556	0.005
W932557	0.751
W932558	0.025
W932559	0.014
W932560	<0.005
W932561	<0.005
W932562	<0.005
W932563	<0.005
W932564	<0.005
W932565	<0.005
W932566	<0.005
W932567	0.038
W932568	0.083
W932569	0.032
W932570	0.064
W932571	0.119
W932572	0.247
W932573	0.241
W932575	0.12
W932576	0.055
W932577	0.01
W932578	0.005
W932579	<0.005
W932580	<0.005

TM20267509 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 118

DATE RECEIVED : 2020-11-16 DATE FINALIZED : 2021-01-19

PROJECT : RN-20-18

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.732
PMP-18	0.304
PMP-18	0.314
G919-10	7.6
G919-10	7.61
CDN-GS-5X	5.21
BLANK	<0.005
BLANK	<0.005
BLANK	<0.005

TM20267509 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 118

DATE RECEIVED : 2020-11-16 DATE FINALIZED : 2021-01-19

PROJECT : RN-20-18

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932481	<0.005
W932481	<0.005
W932502	<0.005
W932502	<0.005
W932523	<0.005
W932523	<0.005
W932563	<0.005
W932563	<0.005

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83
Oreas 228b	8.57	0.199	8.63	8.51

Drillhole Summary

DDH ID	RN-20-19							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	194494	17U	364845	5303883	387	55	-45	276
Purpose	Test magnetic low feature							
Explanation	No obvious magnetic low							
Start date	November 13, 2020							
End date	November 23, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	22 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Sump 50 m west of drill setup							
Logged By	Todd Keast							
Log Completed	Nov 25, 2020	Assays Added	12-Jan-21					
Comments	44 samples							
Comments	63 boxes of core							

BHID	From	To	Litho	Comment
RN-20-19	0.0	22.5	CAS	CASING-Overburden
RN-20-19	22.5	72.50	MV	Mafic Volcanic - Dark green, fine to medium grained mafic volcanic flows. Weak foliation with scattered fine grained intervals suggest mafic flow patchy epidote. Local sections medium grained massive texture suggest massive flow.
RN-20-19	72.50	74.80	MD	Mafic Dike - Dark black fine to medium grained massive crystalline texture. Sharp upper and lower texture. Strongly magnetic.
RN-20-19	74.80	122.50	MV	Mafic Volcanic - Dark green, fine to medium grained mafic volcanic flows. Weak foliation with scattered fine grained intervals suggest mafic flow patchy epidote. Local sections medium grained massive suggest massive flow. 103 -106 distinct mafic flow breccia interval small ovoid round buns/blebs up to 10 cm with dark chill margin 107.0-115.0 Flow breccia interval with 1-3% crosscutting white and dark grey qtz veins fractures iup to 1 cm.
RN-20-19	122.50	144.50	MV	Mafic Volcanic - Massive mafic flow medium grained massive testure.
RN-20-19	145.50	155.00	MV	Mafic Volcanic - Massive flow as above with 1-3% qtz veins locally 7-10% up to 10 cm wide.
RN-20-19	155.00	183.00	MV	Mafic Volcanic - Dark green, fine to medium grained distict flow breccia mafic tuff material. Distinct mafic flow breccia interval small ovoid round buns/blebs up to 10 cm with dark chill margin
RN-20-19	183.00	192.40	MD	Mafic Dike - Dark black fine to medium grained massive crystalline texture. Sharp upper and lower texture. Strongly magnetic.
RN-20-19	192.40	276.00	MV	Mafic Volcanic - Dark green, fine to medium grained distict flow breccia mafic tuff material. Distinct mafic flow breccia interval small ovoid round buns/blebs up to 10 cm with dark chill margin Down unit dark green 1-3cm dark green pillow selvedges flow breccia. 213.0-217.0 1% white qtz veins 3-5cm wide 229.0-229.75 BBC 234.00-239.00 Darker black sections with distinct flwo breccia. 244.5-246.5 1-2% qtz veins 1-3 cm wide.

259.0-263.0 3-5% white qtz veins up to 5 cm wide.

Distinct selvedges flow breccia.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldpsar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-19	0		55.0	-45.0			Y	Y	As spotted in field.
RN-20-19	33	66.1	57.1	-41.0	55135		Y	Y	
RN-20-19	84	66.2	57.2	-40.3	55144		Y	Y	
RN-20-19	135.0	65.7	56.7	-37.4	55185		Y	Y	
RN-20-19	186.0	63.5	54.5	-34.9	56840		N	y	
RN-20-19	201.0	66.4	57.4	-34.6	55213		Y	Y	
RN-20-19	252.0	65.9	56.9	-33.8	55254		Y	Y	

BHID	Depth	MS	Lith
RN-20-19	23.0		0.59 MV
RN-20-19	26.0		0.36 MV
RN-20-19	29.0		0.41 MV
RN-20-19	32.0		0.31 MV
RN-20-19	33.5		0.38 MV
RN-20-19	36.0		0.43 MV
RN-20-19	39.0		0.33 MV
RN-20-19	MS-4		23.50 MV
RN-20-19	44.0		0.28 MV
RN-20-19	47.0		0.39 MV
RN-20-19	50.0		0.42 MV
RN-20-19	54.0		0.42 MV
RN-20-19	58.0		0.47 MV
RN-20-19	63.0		0.44 MV
RN-20-19	66.0		0.48 MV
RN-20-19	69.0		0.47 MV
RN-20-19	71.0		0.51 MV
RN-20-19	72.2		0.62 MV
RN-20-19	72.8		43.80 MD
RN-20-19	MS-2		0.06
RN-20-19	73.5		19.50 MD
RN-20-19	74.6		20.50 MD
RN-20-19	45.5		0.43 MV
RN-20-19	79.0		0.68 MV
RN-20-19	81.0		0.51 MV
RN-20-19	84.0		0.61 MV
RN-20-19	86.0		0.58 MV
RN-20-19	89.0		0.65 MV
RN-20-19	MS-3		1.09
RN-20-19	93.5		0.64 MV
RN-20-19	95.5		0.44 MV
RN-20-19	102.0		0.55 MV
RN-20-19	106.0		0.50 MV
RN-20-19	109.0		0.41 MV
RN-20-19	112.0		0.53 MV
RN-20-19	117.0		0.51 MV
RN-20-19	121.0		0.53 MV
RN-20-19	124.0		0.51 MV
RN-20-19	126.0		0.42 MV
RN-20-19	128.5		0.59 MV
RN-20-19	MS-1		75.30
RN-20-19	131.0		0.49 MV
RN-20-19	134.0		0.50 MV
RN-20-19	137.0		0.40 MV
RN-20-19	140.0		0.40 MV
RN-20-19	144.0		0.51 MV

Terraplug KT-5 Magnetic Susceptibility Meter

RN-20-19	145.5	0.47 MV
RN-20-19	147.0	0.48 MV
RN-20-19	149.6	0.44 MV
RN-20-19	151.0	0.44 MV
RN-20-19	154.0	0.42 MV
RN-20-19	155.5	0.42 MV
RN-20-19	MS-1	74.00
RN-20-19	159.0	0.42 MV
RN-20-19	162.0	0.52 MV
RN-20-19	166.0	0.53 MV
RN-20-19	168.5	0.54 MV
RN-20-19	171.0	0.66 MV
RN-20-19	174.0	0.53 MV
RN-20-19	175.5	0.60 MV
RN-20-19	176.0	0.56 MV
RN-20-19	MS-2	0.05
RN-20-19	176.5	0.50 MV
RN-20-19	177.0	0.54 MV
RN-20-19	MS-2	0.03
RN-20-19	181.0	0.63 MV
RN-20-19	182.5	1.19 MV
RN-20-19	184.0	5.31 MD
RN-20-19	187.0	25.90 MD
RN-20-19	189.0	19.60 MD
RN-20-19	192.0	1.19 MD
RN-20-19	193.5	0.74 MV
RN-20-19	195.0	0.35 MV
RN-20-19	198.0	0.46 MV
RN-20-19	201.0	0.42 MV
RN-20-19	205.0	0.34 MV
RN-20-19	MS-3	1.03 MV
RN-20-19	208.0	0.38 MV
RN-20-19	211.0	0.46 MV
RN-20-19	213.0	0.53 MV
RN-20-19	221.5	0.51 MV
RN-20-19	223.0	0.51 MV
RN-20-19	227.0	0.48 MV
RN-20-19	229.0	0.42 MV
RN-20-19	232.0	0.39 MV
RN-20-19	234.0	0.60 MV
RN-20-19	235.0	0.49 MV
RN-20-19	236.0	0.42 MV
RN-20-19	MS-3	1.07
RN-20-19	241.0	0.47 MV
RN-20-19	243.0	0.48 MV
RN-20-19	246.0	0.31 MV
RN-20-19	248.0	0.44 MV

RN-20-19	249.0	0.36 MV
RN-20-19	252.0	0.43 MV
RN-20-19	255.0	0.41 MV
RN-20-19	258.0	0.62 MV
RN-20-19	260.0	0.20 MV
RN-20-19	MS-4	23.90
RN-20-19	261.0	0.53 MV
RN-20-19	263.0	0.12 MV
RN-20-19	263.5	0.64 MV
RN-20-19	265.0	0.52 MV
RN-20-19	268.0	0.41 MV
RN-20-19	271.0	0.35 MV
RN-20-19	273.5	0.43 MV
RN-20-19	276.0	0.50 MV

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG
RN-20-19		63.00	MV	456.50	456.50	456.50	299.89	299.92	299.91	2.92
RN-20-19		93.00	MV	255.46	255.44	255.45	169.68	169.68	169.68	2.98
RN-20-19		142.50	MV	381.91	381.92	381.92	255.90	255.89	255.90	3.03
RN-20-19		174.00	MV	310.08	310.08	310.08	205.67	205.65	205.66	2.97
RN-20-19		223.50	MV	421.70	421.67	421.69	280.72	280.73	280.73	2.99
RN-20-19		276.00	MV	563.63	563.62	563.63	374.92	374.92	374.92	2.99

Mag Susc *Ohaus Scout SIX 1502N/E Balance*

Terraplus KT-5 Magnetic Susceptibility Meter

BHID	Depth	DDH		Oriented Core		Calculated Values			Contact	Foliation	Bedding/Banding	QV	Fault gouge	Comment
		Core Angle	Az	Dip	Alpha	Beta	Az	Dip						
RN-20-19	37	40								Weak				
RN-20-19	47	35									Banding in flows			
RN-20-19	54	30								Weak				
RN-20-19	64	30								Weak	Banding in flows			
RN-20-19	78	35									Banding in flows			
RN-20-19	88.5	40									Banding in flows			
RN-20-19	94.2	20									Banding mafic flows			
RN-20-19	98	25									Banding mafic flows			
RN-20-19	106	20									Flow Breccia			
RN-20-19	113	20								Weak	Banding mafic flows			
RN-20-19	119	10									Banding mafic flows			
RN-20-19	127	35								Weak				
RN-20-19	149	35												
RN-20-19	156	20								Moderate	Banding clasts			
RN-20-19	163	35									Banding clasts			
RN-20-19	168	20									Banding			
RN-20-19	176	35									Bands			
RN-20-19	183	45							Sharp					
RN-20-19	192.4	45							Sharp					
RN-20-19	202	30									Banding			
RN-20-19	208	10								Moderate				
RN-20-19	216	40								Moderate				
RN-20-19	224	30									Banding			
RN-20-19	216	40								Moderate				
RN-20-19	224	30									Banding			
RN-20-19	238	45								Weak				
RN-20-19	244	45									Banding			
RN-20-19	261	20								Weak	Banding			

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-19	0.0	22.5	Casing		Casing			
RN-20-19	22.5	24.0	1.5	1.4				
RN-20-19	24.0	27.0	3.0	2.6				
RN-20-19	27.0	30.0	3.0	2.7				
RN-20-19	30.0	33.0	2.9	2.9				
RN-20-19	33.0	36.0	3.0	2.9				
RN-20-19	36.0	39.0	3.0	2.1				
RN-20-19	39.0	42.0	3.0	2.2				
RN-20-19	42.0	45.0	2.9	1.9				
RN-20-19	45.0	48.0	3.0	2.6				
RN-20-19	48.0	51.0	3.0	2.5				
RN-20-19	51.0	54.0	3.0	2.3				
RN-20-19	54.0	57.0	3.0	2.9				
RN-20-19	57.0	60.0	3.0	2.8				
RN-20-19	60.0	63.0	3.0	2.7				
RN-20-19	63.0	66.0	3.0	2.5				
RN-20-19	66.0	69.0	3.0	2.7				
RN-20-19	69.0	72.0	3.0	2.8				
RN-20-19	72.0	75.0	3.0	1.0				
RN-20-19	75.0	78.0	3.0	2.4				
RN-20-19	78.0	81.0	3.0	2.8				
RN-20-19	81.0	84.0	3.0	2.9				
RN-20-19	84.0	87.0	3.0	2.9				
RN-20-19	87.0	90.0	3.0	2.7				
RN-20-19	90.0	93.0	3.0	2.8				
RN-20-19	93.0	96.0	3.0	2.6				
RN-20-19	96.0	99.0	3.0	2.7				
RN-20-19	99.0	102.0	3.0	2.6				
RN-20-19	102.0	105.0	2.9	1.4				
RN-20-19	105.0	108.0	2.9	2.1				
RN-20-19	108.0	111.0	2.9	2.0				
RN-20-19	111.0	114.0	3.0	2.1				
RN-20-19	114.0	117.0	3.0	2.4				
RN-20-19	117.0	120.0	3.0	2.9				
RN-20-19	120.0	123.0	3.0	3.0				
RN-20-19	123.0	126.0	3.0	3.0				
RN-20-19	126.0	129.0	3.0	2.9				
RN-20-19	129.0	132.0	3.0	2.9				
RN-20-19	132.0	135.0	3.0	3.0				
RN-20-19	135.0	138.0	3.0	2.9				
RN-20-19	138.0	141.0	3.0	3.0				
RN-20-19	141.0	144.0	3.0	3.0				
RN-20-19	144.0	147.0	3.0	2.9				
RN-20-19	147.0	150.0	3.0	2.9				
RN-20-19	150.0	153.0	3.0	2.9				
RN-20-19	153.0	156.0	3.0	2.6				

RN-20-19	156.0	159.0	3.0	2.5
RN-20-19	159.0	162.0	3.0	2.7
RN-20-19	162.0	165.0	3.0	2.3
RN-20-19	165.0	168.0	3.0	2.4
RN-20-19	168.0	171.0	3.0	2.8
RN-20-19	171.0	174.0	3.0	2.8
RN-20-19	174.0	177.0	3.0	2.9
RN-20-19	177.0	180.0	3.0	3.0
RN-20-19	180.0	183.0	3.0	2.4
RN-20-19	183.0	186.0	3.0	2.7
RN-20-19	186.0	189.0	3.0	2.6
RN-20-19	189.0	192.0	3.0	2.6
RN-20-19	192.0	195.0	3.0	2.8
RN-20-19	195.0	198.0	3.0	2.9
RN-20-19	198.0	201.0	3.0	2.8
RN-20-19	201.0	204.0	3.0	2.7
RN-20-19	204.0	207.0	3.0	2.7
RN-20-19	207.0	210.0	3.0	2.8
RN-20-19	210.0	213.0	3.0	2.7
RN-20-19	213.0	216.0	3.0	2.4
RN-20-19	216.0	219.0	3.0	2.8
RN-20-19	219.0	222.0	3.0	2.7
RN-20-19	222.0	225.0	3.0	2.7
RN-20-19	225.0	228.0	3.0	2.4
RN-20-19	228.0	231.0	3.0	2.4
RN-20-19	231.0	234.0	2.9	1.4
RN-20-19	234.0	237.0	3.0	2.8
RN-20-19	237.0	240.0	3.0	2.9
RN-20-19	240.0	243.0	3.0	2.5
RN-20-19	243.0	246.0	3.0	2.7
RN-20-19	246.0	249.0	3.0	2.8
RN-20-19	249.0	252.0	3.0	2.9
RN-20-19	252.0	255.0	3.0	2.9
RN-20-19	255.0	258.0	3.0	2.8
RN-20-19	258.0	261.0	3.0	2.4
RN-20-19	261.0	264.0	3.0	3.0
RN-20-19	264.0	267.0	3.0	2.8
RN-20-19	267.0	270.0	3.0	2.8
RN-20-19	270.0	273.0	3.0	2.8
RN-20-19	273.0	276.0	3.0	3.0
RN-20-19	276.0	279.0	3.0	2.9

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm
RN-20-19	W932581	107.00	108.00	1.00	MV		1		W932581	<0.005
RN-20-19	W932582	108.00	109.00	1.00	MV		3		W932582	<0.005
RN-20-19	W932583	109.00	110.00	1.00	MV		3		W932583	<0.005
RN-20-19	W932584	110.00	111.00	1.00	MV		3		W932584	<0.005
RN-20-19	W932585	111.00	112.00	1.00	MV		3		W932585	<0.005
RN-20-19	W932586				Blank					
RN-20-19	W932587	112.00	113.00	1.00	MV		3		W932587	<0.005
RN-20-19	W932588	113.00	114.00	1.00	MV		3		W932588	<0.005
RN-20-19	W932589	114.00	115.00	1.00	MV		3		W932589	<0.005
RN-20-19	W932590	115.00	116.00	1.00	MV		3		W932590	<0.005
RN-20-19	W932591				OREAS 219				W932591	0.784 0.76
RN-20-19	W932592	116.00	117.00	1.00	MV		1		W932592	<0.005
RN-20-19	W932593	145.00	146.00	1.00	MV		5		W932593	<0.005
RN-20-19	W932594	146.00	147.00	1.00	MV		5		W932594	<0.005
RN-20-19	W932595	147.00	148.00	1.00	MV		5		W932595	<0.005
RN-20-19	W932596	148.00	149.00	1.00	MV		5		W932596	<0.005
RN-20-19	W932597	149.00	150.00	1.00	MV				W932597	<0.005
RN-20-19	W932598	150.00	151.00	1.00	MV		7		W932598	<0.005
RN-20-19	W932599	151.00	152.00	1.00	MV		5		W932599	<0.005
RN-20-19	W932600				OREAS 223		5		W932600	1.795 1.78
RN-20-19	W932601	152.00	153.00	1.00	MV		5		W932601	<0.005
RN-20-19	W932602				Blank					
RN-20-19	W932603	153.00	154.00	1.00	MV		5		W932603	<0.005
RN-20-19	W932604	154.00	155.00	1.00	MV		5		W932604	<0.005
RN-20-19	W932605	155.00	156.00	1.00	MV		5		W932605	<0.005
RN-20-19	W932606	156.00	157.00	1.00	MV		1		W932606	<0.005
RN-20-19	W932607	157.00	158.00	1.00	MV		1		W932607	<0.005
RN-20-19	W932608	212.00	213.00	1.00	MV		1		W932608	<0.005
RN-20-19	W932609	213.00	214.00	1.00	MV		1		W932609	<0.005
RN-20-19	W932610	214.00	215.00	1.00	MV		1		W932610	<0.005
RN-20-19	W932611	215.00	216.00	1.00	MV		1		W932611	<0.005
RN-20-19	W932612	216.00	217.00	1.00	MV		3		W932612	<0.005
RN-20-19	W932613	217.00	218.00	1.00	MV		1		W932613	<0.005
RN-20-19	W932614	244.50	245.50	1.00	MV		1		W932614	<0.005
RN-20-19	W932615	245.50	246.50	1.00	MV		1		W932615	<0.005
RN-20-19	W932616	246.50	247.50	1.00	MV		1		W932616	0.007
RN-20-19	W932617	259.00	260.00	1.00	MV		1		W932617	<0.005
RN-20-19	W932618	Blank								
RN-20-19	W932619	260.00	261.00	1.00	MV		3		W932619	<0.005
RN-20-19	W932620	261.00	262.00	1.00	MV		3		W932620	<0.005
RN-20-19	W932621				OREAS 219				W932621	0.763 0.76
RN-20-19	W932622	262.00	263.00	1.00	MV		3		W932622	<0.005
RN-20-19	W932623	263.00	264.00	1.00	MV		3		W932623	<0.005
RN-20-19	W932623	264.00	265.00	1.00	MV		3		W932624	<0.005

TM20281975 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 41

DATE RECEIVED : 2020-11-30 DATE FINALIZED : 2021-01-28

PROJECT : RN-20-19

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932581	<0.005
W932582	<0.005
W932583	<0.005
W932584	<0.005
W932585	<0.005
W932587	<0.005
W932588	<0.005
W932589	<0.005
W932590	<0.005
W932591	0.784
W932592	<0.005
W932593	<0.005
W932594	<0.005
W932595	<0.005
W932596	<0.005
W932597	<0.005
W932598	<0.005
W932599	<0.005
W932600	1.795
W932601	<0.005
W932603	<0.005
W932604	<0.005
W932605	<0.005
W932606	<0.005
W932607	<0.005
W932608	<0.005
W932609	<0.005
W932610	<0.005
W932611	<0.005
W932612	<0.005
W932613	<0.005
W932614	<0.005
W932615	<0.005
W932616	0.007
W932617	<0.005
W932619	<0.005
W932620	<0.005

W932621
W932622
W932623
W932624

0.763
<0.005
<0.005
<0.005

TM20281975 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 41

DATE RECEIVED : 2020-11-30 DATE FINALIZED : 2021-01-28

PROJECT : RN-20-19

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.754
PMP-18	0.307
PMP-18	0.305
CDN-GS-5X	4.77
G919-10	7.62
G919-10	7.8
BLANK	<0.005
BLANK	<0.005
BLANK	<0.005

TM20281975 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 41

DATE RECEIVED : 2020-11-30 DATE FINALIZED : 2021-01-28

PROJECT : RN-20-19

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932595	<0.005
W932595	<0.005
W932616	0.007
W932616	0.006

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83
Oreas 228b	8.57	0.199	8.63	8.51

Drillhole Summary

DDH ID	RN-20-20							
		(Nad 83)						
	Cell Mining Claim #'s	Zone	East (UTM)	North (UTM)	Elev	Az	Dip	EOH (m)
Location	194494	17U	364845	5303883	387	345	-45	240
Purpose	Test magnetic low fold feature							
Explanation	Slightly lower MS values towards end hole							
Start date	November 24, 2020							
End date	November 30, 2020							
Drill Contractor	Missinaibi Drilling Services Ltd							
Core Size	NQ							
Core Storage	Larry Salo/Shinintree UTM 480620 5267550							
Casing	17 m casing left in ground	Capping	Hole capped					
Artesian Y/N	No							
Water Source	Sump 50 m west of drill setup							
Logged By	Todd Keast							
Log Completed	Nov 30, 2020	Assays Added	Feb 2, 2021					
Comments	57 samples							
Comments	52 boxes of core							

Comments

Hole stopped as considerable flattening prevented tube from latching

BHID	From	To	Litho	Comment
RN-20-20	0.0	16.5	CAS	CASING-Overburden
RN-20-20	16.5	67.50	MV	Mafic Volcanic - Dark green, fine to medium grained mafic volcanic flows. Weak foliation with scattered fine grained intervals suggest mafic flow patchy epidote. Local sections medium grained massive texture suggest massive flow. Local intervals banded suggesting fine mafic tuffs. Weak to moderate foliation 27.9 - 28.3 Mafic Dike 44.2 - 45.1 Mafic Dike
RN-20-20	67.50	71.00	MV	Mafic Volcanic - Mafic volcanic flow as above with moderate to strong foliation. Well developed schistositiy with 7-10% qtz carb veins 1cm wide.
RN-20-20	71.00	100.50	MV	Mafic Volcanic - Dark green, fine to medium grained mafic volcanic flows. Weak foliation with scattered fine grained intervals suggest mafic flow patchy epidote. Local sections medium grained massive suggest massive flow.
RN-20-20	100.50	106.50	MV	Mafic Volcanic - Mafic volcanic flow as above with moderate to strong foliation. Well developed schistositiy with 3-5% qtz carb veins 1cm wide.
RN-20-20	106.50	109.00	MV	Mafic Volcanic - Dark green, fine to medium grained mafic volcanic flows. Weak foliation with scattered fine grained intervals suggest mafic flow patchy epidote. Local sections medium grained massive suggest massive flow.
RN-20-20	109.00	115.80	IVOLCblk	Intermediate Volcanics Black Argillite - Dark grey siliceous cherty sedimentaryt unit. Sharp upper and lower contacts. Fine laminations 1mm. Fine po disseminated and blebs and poorly formed stringers.
RN-20-20	115.80	156.00	MV	Mafic Volcanic - Masive mafic flows with medium grained texture Local intervals finer grained possible boundaries between flows. 117.0-125.0 5-7% white qtz veins up to 10 cm wide.
RN-20-20	156.00	160.50	MV	Mafic Volcanic - Distinct banding/bedding suggesting fine mafic tuffs. Weak foliation.

RN-20-20	160.50	202.50	MV	Mafic Volcanic - Massive mafic flow or possibly gabbro intrusion. Gradational upper contact. Distinct light green-grey feldspar phenocrysts euhedral to subhedral up to 5mm, 10-15%. Local finer grained sections.
RN-20-20	202.50	240.00	MV	Mafic Volcanic - Green chlorite with narrow bands and fine laminations. Mafic tuff.

Lith Code	Unit
CAS	Casing
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMP	Lamprophyre Dike
MD	Mafic Dike
FP	Feldpsar Porphyry
FLT	Fault Gouge

BHID	Depth	Az	Declin (-09)	Dip	Mag Field	Mag Susc	Use Az	Use Dip	Comments
RN-20-20	0		345.0	-45.0			Y	N	As spotted in field.
RN-20-20	27	352.9	343.9	-40.0	55559		Y	Y	
RN-20-20	87	353.3	344.3	-36.1	55432		Y	Y	
RN-20-20	180.0	353.9	344.9	-32.4	55195		Y	Y	

Terraplus KT-5 Magnetic Susceptibility Meter

BHID	Depth	MS	Lith
RN-20-20	19.0	0.42	MV
RN-20-20	25.0	0.17	MV
RN-20-20	28.5	0.39	MV
RN-20-20	31.5	0.33	MV
RN-20-20	36.0	0.50	MV
RN-20-20	41.5	0.52	MV
RN-20-20	44.5	49.40	MD
RN-20-20	43.0	0.27	MV
RN-20-20	MS-2	0.06	
RN-20-20	51.0	0.51	MV
RN-20-20	57.0	0.45	MV
RN-20-20	61.0	0.63	MV
RN-20-20	65.0	0.53	MV
RN-20-20	68.0	0.40	MV
RN-20-20	70.0	0.20	MV
RN-20-20	73.0	0.59	MV
RN-20-20	77.0	0.55	MV
RN-20-20	81.0	0.54	MV
RN-20-20	87.0	0.45	MV
RN-20-20	91.0	0.59	MV
RN-20-20	95.0	0.60	MV
RN-20-20	97.0	0.45	MV
RN-20-20	100.0	0.48	MV
RN-20-20	101.0	0.50	MV
RN-20-20	MS-3	1.10	
RN-20-20	102.0	0.47	MV
RN-20-20	105.0	0.49	MV
RN-20-20	108.0	0.49	MV
RN-20-20	111.0	1.18	IVOLCblk
RN-20-20	112.0	0.87	IVOLCblk
RN-20-20	114.0	2.98	IVOLCblk
RN-20-20	116.5	1.01	IVOLCblk
RN-20-20	119.0	0.35	MV
RN-20-20	122.0	0.43	MV
RN-20-20	125.0	0.32	MV
RN-20-20	128.0	0.35	MV
RN-20-20	MS-3	1.12	
RN-20-20	138.0	0.52	MV
RN-20-20	141.0	0.46	MV
RN-20-20	144.0	0.57	MV
RN-20-20	148.0	0.36	MV
RN-20-20	151.0	0.35	MV
RN-20-20	155.0	0.39	MV
RN-20-20	159.0	0.47	MV
RN-20-20	161.0	0.40	MV
RN-20-20	163.0	0.36	MV

RN-20-20	165.0	0.71 MV
RN-20-20	171.0	0.37 MV
RN-20-20	173.0	0.32 MV
RN-20-20	176.0	0.47 MV
RN-20-20	178.0	0.32 MV
RN-20-20	183.0	0.35 MV
RN-20-20	187.0	0.30 MV
RN-20-20	191.0	0.35 MV
RN-20-20	194.0	0.29 MV
RN-20-20	MS-1	73.00
RN-20-20	198.0	0.33 MV
RN-20-20	200.0	0.36 MV
RN-20-20	201.5	0.38 MV
RN-20-20	204.0	0.07 MV
RN-20-20	205.0	0.37 MV
RN-20-20	207.0	0.44 MV
RN-20-20	210.0	0.49 MV
RN-20-20	213.0	0.42 MV
RN-20-20	217.0	0.43 MV
RN-20-20	220.0	0.38 MV
RN-20-20	225.0	0.43 MV
RN-20-20	231.0	0.10 MV
RN-20-20	234.0	0.48 MV
RN-20-20	237.0	0.20 MV

BHID	Date	Depth	Litho	Dry 1	Dry 2	Average	Wet 1	Wet 2	Average	SG
RN-20-20		113.50	ARG	335.10	335.09	335.10	211.96	211.97	211.97	2.72
RN-20-20		144.00	MV	473.14	473.16	473.15	316.27	316.3	316.29	3.02
RN-20-20		164.00	MV	503.22	503.22	503.22	336.07	336.08	336.08	3.01

Mag Susc *Ohaus Scout SIX 1502N/E Balance*

Terraplus KT-5 Magnetic Susceptibility Meter

BHID	From	To	Recovery	RQD	Comments	Recovery %	RQD %	Rank
RN-20-20	0.0	16.5	Casing		Casing			
RN-20-20	16.5	18.0	1.5	1.4				
RN-20-20	18.0	21.0	3.0	2.4				
RN-20-20	21.0	24.0	3.0	2.6				
RN-20-20	24.0	27.0	3.0	2.5				
RN-20-20	27.0	30.0	3.0	2.8				
RN-20-20	30.0	33.0	3.0	2.6				
RN-20-20	33.0	36.0	3.0	2.9				
RN-20-20	36.0	39.0	3.0	2.7				
RN-20-20	39.0	42.0	3.0	2.6				
RN-20-20	42.0	45.0	3.0	2.5				
RN-20-20	45.0	48.0	3.0	2.7				
RN-20-20	48.0	51.0	3.0	2.9				
RN-20-20	51.0	54.0	3.0	2.8				
RN-20-20	54.0	57.0	3.0	2.8				
RN-20-20	57.0	60.0	3.0	2.8				
RN-20-20	60.0	63.0	3.0	2.9				
RN-20-20	63.0	66.0	3.0	3.0				
RN-20-20	66.0	69.0	3.0	2.9				
RN-20-20	69.0	72.0	3.0	2.8				
RN-20-20	72.0	75.0	3.0	3.0				
RN-20-20	75.0	78.0	3.0	2.7				
RN-20-20	78.0	81.0	3.0	2.6				
RN-20-20	81.0	84.0	3.0	2.8				
RN-20-20	84.0	87.0	3.0	2.8				
RN-20-20	87.0	90.0	3.0	2.8				
RN-20-20	90.0	93.0	3.0	2.7				
RN-20-20	93.0	96.0	3.0	2.8				
RN-20-20	96.0	99.0	2.9	3.0				
RN-20-20	99.0	102.0	2.9	2.8				
RN-20-20	102.0	105.0	2.9	2.8				
RN-20-20	105.0	108.0	3.0	3.0				
RN-20-20	108.0	111.0	3.0	3.0				
RN-20-20	111.0	114.0	3.0	3.0				
RN-20-20	114.0	117.0	3.0	3.0				
RN-20-20	117.0	120.0	3.0	2.0				
RN-20-20	120.0	123.0	3.0	2.9				
RN-20-20	123.0	126.0	3.0	3.0				
RN-20-20	126.0	129.0	3.0	3.0				
RN-20-20	129.0	132.0	3.0	2.9				
RN-20-20	132.0	135.0	3.0	3.0				
RN-20-20	135.0	138.0	3.0	2.9				
RN-20-20	138.0	141.0	3.0	3.0				
RN-20-20	141.0	144.0	3.0	3.0				
RN-20-20	144.0	147.0	3.0	3.0				
RN-20-20	147.0	150.0	3.0	3.0				

RN-20-20	150.0	153.0	3.0	2.9
RN-20-20	153.0	156.0	3.0	3.0
RN-20-20	156.0	159.0	3.0	3.0
RN-20-20	159.0	162.0	3.0	3.0
RN-20-20	162.0	165.0	3.0	3.0
RN-20-20	165.0	168.0	3.0	3.0
RN-20-20	168.0	171.0	3.0	3.0
RN-20-20	171.0	174.0	3.0	3.0
RN-20-20	174.0	177.0	3.0	3.0
RN-20-20	177.0	180.0	3.0	3.0
RN-20-20	180.0	183.0	3.0	3.0
RN-20-20	183.0	186.0	3.0	3.0
RN-20-20	186.0	189.0	3.0	2.8
RN-20-20	189.0	192.0	3.0	2.9
RN-20-20	192.0	195.0	3.0	2.9
RN-20-20	195.0	198.0	3.0	2.9
RN-20-20	198.0	201.0	3.0	3.0
RN-20-20	201.0	204.0	3.0	3.0
RN-20-20	204.0	207.0	3.0	2.8
RN-20-20	207.0	210.0	3.0	2.9
RN-20-20	210.0	213.0	3.0	2.8
RN-20-20	213.0	216.0	3.0	2.9
RN-20-20	216.0	219.0	3.0	3.0
RN-20-20	219.0	222.0	3.0	3.0
RN-20-20	222.0	225.0	3.0	3.0
RN-20-20	225.0	228.0	2.9	3.0
RN-20-20	228.0	231.0	3.0	3.0
RN-20-20	231.0	234.0	3.0	3.0
RN-20-20	234.0	237.0	3.0	3.0
RN-20-20	237.0	240.0	3.0	2.7

Rock Quality Designation Deere 1963

Usefulness of Rock Quality Designation in Determining Strength of Rocks Lucien C. 2013

BHID	Sample	From	To	Width	Litho	Py %	Qtz Veins %	Comment	Comment	Au-AA23 Au ppm
RN-20-20	W932625	24.00	25.00	1.00	MV		1		W932625	0.013
RN-20-20	W932626	25.00	26.00	1.00	MV		3		W932626	0.007
RN-20-20	W932627	26.00	27.00	1.00	MV		3		W932627	0.006
RN-20-20	W932628	27.00	28.00	1.00	MV		3		W932628	<0.005
RN-20-20	W932629	28.00	29.00	1.00	MV		3		W932629	0.008
RN-20-20	W932630	53.00	54.00	1.00	MV		1		W932630	<0.005
RN-20-20	W932631	54.00	55.00	1.00	MV		3		W932631	<0.005
RN-20-20	W932632	55.00	56.00	1.00	MV		3		W932632	<0.005
RN-20-20	W932633	66.50	67.50	1.00	MV		3		W932633	<0.005
RN-20-20	W932634	67.50	68.50	1.00	MV		5		W932634	<0.005
RN-20-20	W932635	68.50	69.50	1.00	MV		5		W932635	<0.005
RN-20-20	W932636	69.50	71.00	1.50	MV		5		W932636	0.006
RN-20-20	W932637	71.00	72.00	1.00	MV		1		W932637	<0.005
RN-20-20	W932638	90.00	91.00	1.00	MV		1		W932638	<0.005
RN-20-20	W932639	91.00	92.00	1.00	MV		1		W932639	<0.005
RN-20-20	W932640	92.00	93.00	1.00	MV		1		W932640	<0.005
RN-20-20	W932641				Blank					
RN-20-20	W932642	93.00	94.00	1.00	MV		1		W932642	<0.005
RN-20-20	W932643	94.00	95.00	1.00	MV		1		W932643	<0.005
RN-20-20	W932644	95.00	96.00	1.00	MV		1		W932644	<0.005
RN-20-20	W932645				OREAS 219				W932645	0.786
RN-20-20	W932646	96.00	97.00	1.00	MV		1		W932646	<0.005
RN-20-20	W932647	97.00	98.00	1.00	MV		1		W932647	<0.005
RN-20-20	W932648	98.00	99.50	1.50	MV		1		W932648	<0.005
RN-20-20	W932649	99.50	100.50	1.00	MV		1		W932649	<0.005
RN-20-20	W932650	100.50	101.50	1.00	MV		5		W932650	<0.005
RN-20-20	W932651	101.50	102.50	1.00	MV		5		W932651	<0.005
RN-20-20	W932652	102.50	103.50	1.00	MV		5		W932652	<0.005
RN-20-20	W932653	103.50	104.50	1.00	MV		5		W932653	<0.005
RN-20-20	W932654	104.50	105.50	1.00	MV		5		W932654	<0.005
RN-20-20	W932655	105.50	106.50	1.00	MV		5		W932655	0.005
RN-20-20	W932656	106.50	107.50	1.00	MV		1		W932656	<0.005
RN-20-20	W932657				OREAS 228				W932657	8.86
RN-20-20	W932658	107.50	109.00	1.50	MV				W932658	0.01
RN-20-20	W932659	109.00	110.00	1.00	MV				W932659	<0.005
RN-20-20	W932660	110.00	111.00	1.00	MV				W932660	<0.005
RN-20-20	W932661	111.00	112.00	1.00	MV				W932661	<0.005
RN-20-20	W932662	112.00	113.00	1.00	MV				W932662	<0.005
RN-20-20	W932663	113.00	114.00	1.00	MV				W932663	<0.005
RN-20-20	W932664	114.00	115.00	1.00	MV				W932664	<0.005
RN-20-20	W932665	115.00	115.80	0.80	MV				W932665	0.005
RN-20-20	W932666	115.80	117.00	1.20	MV				W932666	<0.005
RN-20-20	W932667				Blank					
RN-20-20	W932668	117.00	118.00	1.00	MV				W932668	<0.005
RN-20-20	W932669	118.00	119.00	1.00	MV				W932669	<0.005
RN-20-20	W932670	119.00	120.00	1.00	MV				W932670	<0.005
RN-20-20	W932671	120.00	121.00	1.00	MV				W932671	<0.005
RN-20-20	W932672	121.00	122.00	1.00	MV				W932672	<0.005
RN-20-20	W932673	122.00	123.00	1.00	MV				W932673	<0.005
RN-20-20	W932674	123.00	124.00	1.00	MV				W932674	<0.005
RN-20-20	W932675	124.00	125.00	1.00	MV				W932675	0.005
RN-20-20	W932676	196.00	197.00	1.00	MV				W932676	<0.005
RN-20-20	W932677				OREAS 219				W932677	0.771
RN-20-20	W932678	197.00	198.00	1.00	MV				W932678	<0.005
RN-20-20	W932679	198.00	199.00	1.00	MV				W932679	<0.005
RN-20-20	W932680	199.00	200.00	1.00	MV				W932680	<0.005
RN-20-20	W932681	200.00	201.00	1.00	MV				W932681	<0.005

TM21001859 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 55

DATE RECEIVED : 2020-11-30 DATE FINALIZED : 2021-02-02

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932625	0.013
W932626	0.007
W932627	0.006
W932628	<0.005
W932629	0.008
W932630	<0.005
W932631	<0.005
W932632	<0.005
W932633	<0.005
W932634	<0.005
W932635	<0.005
W932636	0.006
W932637	<0.005
W932638	<0.005
W932639	<0.005
W932640	<0.005
W932642	<0.005
W932643	<0.005
W932644	<0.005
W932645	0.786
W932646	<0.005
W932647	<0.005
W932648	<0.005
W932649	<0.005
W932650	<0.005
W932651	<0.005
W932652	<0.005
W932653	<0.005
W932654	<0.005
W932655	0.005
W932656	<0.005
W932657	8.86
W932658	0.01
W932659	<0.005
W932660	<0.005
W932661	<0.005
W932662	<0.005

W932663	<0.005
W932664	<0.005
W932665	0.005
W932666	<0.005
W932668	<0.005
W932669	<0.005
W932670	<0.005
W932671	<0.005
W932672	<0.005
W932673	<0.005
W932674	<0.005
W932675	0.005
W932676	<0.005
W932677	0.771
W932678	<0.005
W932679	<0.005
W932680	<0.005
W932681	<0.005

TM21001859 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 55

DATE RECEIVED : 2020-11-30 DATE FINALIZED : 2021-02-02

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
OREAS 219	0.753
PMP-18	0.308
G919-10	7.85
CDN-GS-5X	5.11
BLANK	<0.005
BLANK	<0.005

TM21001859 - Finalized

CLIENT : RRLWWCLU - RockRidge Resources Ltd.

of SAMPLES : 55

DATE RECEIVED : 2020-11-30 DATE FINALIZED : 2021-02-02

PROJECT :

CERTIFICATE COMMENTS :

PO NUMBER :

SAMPLE DESCRIPTION	Au-AA23 Au ppm
W932640	<0.005
W932640	<0.005
W932661	<0.005
W932661	<0.005

Reference Material	Accepted Value	SD	High 95% Confidence	Low 95% Confidence
Oreas 219	0.76	0.024	0.753	0.768
Oreas 223	1.78	0.045	1.765	1.795
Oreas 228	8.73	0.279	8.63	8.83
Oreas 228b	8.57	0.199	8.63	8.51

Appendix C: Assay Certificates



ALS Canada Ltd.
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To: **ROCKRIDGE RESOURCES LTD.**
1610-777 DUNSMUIR ST
VANCOUVER BC V7Y 1K4

Page: 1
Total # Pages: 3 (A)
Plus Appendix Pages
Finalized Date: 27-OCT-2020
Account: RRLWCLU

CERTIFICATE TM20210068

Project: RANEY

This report is for 53 Drill Core samples submitted to our lab in Timmins, ON, Canada on 21-SEP-2020.

The following have access to data associated with this certificate:

GRANT EWING

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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 Account: RRLWWCLU

Project: RANEY

CERTIFICATE OF ANALYSIS TM20210068

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23
		Recvd Wt. kg 0.02	Au ppm 0.005
B0157501		2.28	0.068
B0157502		2.81	0.200
B0157503		2.14	0.672
B0157504		1.25	0.028
B0157505		2.46	0.007
B0157506		1.87	0.515
B0157507		2.73	0.037
B0157508		2.38	0.018
B0157509		2.78	0.085
B0157510		1.73	<0.005
B0157511		2.15	0.067
B0157512		2.37	0.402
B0157513		2.30	<0.005
B0157514		2.61	0.056
B0157515		2.12	0.396
B0157516		2.45	0.006
B0157517		1.95	0.046
B0157518		1.08	3.76
B0157519		3.60	0.011
B0157520		2.69	<0.005
B0157521		0.06	0.761
B0157522		2.25	0.034
B0157523		2.45	<0.005
B0157524		2.27	0.032
B0157525		3.09	0.019
B0157526		2.69	0.073
B0157527		2.44	0.624
B0157528		2.05	2.23
B0157529		3.58	1.405
B0157530		2.25	0.049
B0157531		2.63	0.109
B0157532		2.60	0.014
B0157533		2.35	0.016
B0157534		1.72	0.024
B0157535		2.30	0.015
B0157536		3.41	<0.005
B0157537		2.68	0.196
B0157538		2.05	0.401
B0157539		1.57	<0.005
B0157540		2.65	0.018



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 Account: RRLWWCLU

Project: RANEY

CERTIFICATE OF ANALYSIS TM20210068

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157541 B0157542 B0157543 B0157544 B0157545		2.14 0.06 2.56 2.50 2.36	<0.005 1.795 0.017 0.176 0.255
B0157546 B0157547 B0157548 B0157549 B0157550		1.36 1.91 3.22 2.31 2.27	0.243 0.887 0.006 <0.005 <0.005
B0157551 B0157552 B0157553		2.19 2.36 2.06	0.010 0.011 0.029

***** See Appendix Page for comments regarding this certificate *****



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Account: **RRLWWCLU**

Project: RANEY

CERTIFICATE OF ANALYSIS TM20210068

CERTIFICATE COMMENTS	
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <p>Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.</p>
Applies to Method:	Au-AA23
Applies to Method:	CRU-31 CRU-QC LOG-21 LOG-23 PUL-32 PUL-QC SPL-21 WEI-21



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Total # Pages: 3 (A)
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Finalized Date: 27-OCT-2020
Account: RRLWCLU

CERTIFICATE TM20210079

This report is for 47 Drill Core samples submitted to our lab in Timmins, ON, Canada on 21-SEP-2020.

The following have access to data associated with this certificate:

GRANT EWING

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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Page: 2 - A
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 Account: RRLWWCLU

CERTIFICATE OF ANALYSIS TM20210079

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157554		2.73	<0.005
B0157555		3.41	<0.005
B0157556		2.61	<0.005
B0157557		2.72	<0.005
B0157558		3.68	<0.005
B0157559		2.57	<0.005
B0157560		2.90	<0.005
B0157561		2.07	<0.005
B0157562		2.56	<0.005
B0157563		2.31	<0.005
B0157564		0.06	1.795
B0157565		3.09	<0.005
B0157566		2.47	<0.005
B0157567		2.16	<0.005
B0157568		2.87	<0.005
B0157569		2.26	<0.005
B0157570		3.78	<0.005
B0157571		2.21	<0.005
B0157572		1.34	0.015
B0157573		2.79	0.289
B0157575		2.74	4.66
B0157576		2.55	0.238
B0157577		1.44	0.928
B0157578		1.96	0.965
B0157579		2.47	0.011
B0157580		2.75	0.007
B0157581		0.06	0.751
B0157582		2.47	0.035
B0157583		2.38	<0.005
B0157584		2.72	0.177
B0157585		2.41	0.050
B0157586		2.68	0.016
B0157587		2.76	<0.005
B0157588		2.14	<0.005
B0157589		2.26	0.109
B0157590		2.02	0.012
B0157591		2.20	0.072
B0157592		2.65	0.014
B0157593		2.21	0.249
B0157594		2.34	0.707



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CERTIFICATE OF ANALYSIS TM20210079

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157595		1.35	<0.005
B0157596		2.23	1.650
B0157597		2.02	0.154
B0157598		0.06	8.81
B0157599		1.67	0.053
B0157601		2.86	0.058
B0157602		2.62	0.028



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CERTIFICATE OF ANALYSIS TM20210079

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.

CRU-31	CRU-QC	LOG-21	LOG-23
PUL-32	PUL-QC	SPL-21	WEI-21



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 30-OCT-2020
 Account: RRLWWCLU

CERTIFICATE TM20210126

This report is for 2 Drill Core samples submitted to our lab in Timmins, ON, Canada on 21-SEP-2020.
 The following have access to data associated with this certificate:
 GRANT EWING TODD KEAST

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SCR-21	Dry Screen 1kg to 106um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-SCR24	Au Screen FA Double Minus 50g	WST-SIM
Au-AA26	Ore Grade Au 50g FA AA finish	AAS
Au-AA26D	Ore Grade Au 50g FA AA Dup	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM20210126

Sample Description	Method Analyte Units LOD	WEI-21	Au-SCR24	Au-SCR24	Au-SCR24	Au-SCR24	Au-SCR24	Au-SCR24	Au-AA26	Au-AA26D
		Recvd Wt. kg	Au Total ppm	Au (+) F ppm	Au (-) F ppm	Au (+) m mg	WT. + Fr g	WT. - Fr g	Au ppm	Au ppm
B0157574		1.95	5.77	17.30	4.79	1.366	79.05	930.0	4.88	4.70
B0157600		1.87	2.68	2.69	2.68	0.196	72.84	849.3	2.81	2.54



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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 29-OCT-2020
Account: RRLWWCLU

CERTIFICATE OF ANALYSIS TM20210126

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA26 Au-AA26D Au-SCR24

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 PUL-32
PUL-QC SCR-21 SPL-21 WEI-21



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CERTIFICATE TM20221120

This report is for 86 Drill Core samples submitted to our lab in Timmins, ON, Canada on 30-SEP-2020.
 The following have access to data associated with this certificate:
 GRANT EWING TODD KEAST

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM20221120

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157603		3.13	0.007
B0157604		2.25	<0.005
B0157605		2.88	<0.005
B0157606		2.46	0.005
B0157607		1.89	<0.005
B0157608		1.64	<0.005
B0157609		2.58	0.049
B0157610		2.26	0.011
B0157611		1.95	0.006
B0157612		1.98	<0.005
B0157613		1.35	<0.005
B0157614		2.09	<0.005
B0157615		2.63	<0.005
B0157616		2.17	<0.005
B0157617		0.05	0.768
B0157618		2.78	<0.005
B0157619		3.62	<0.005
B0157620		3.81	<0.005
B0157621		3.06	0.625
B0157622		2.47	0.718
B0157623		2.35	1.100
B0157624		1.12	3.67
B0157625		2.06	4.04
B0157626		1.69	<0.005
B0157627		2.62	0.533
B0157628		2.54	0.126
B0157629		2.15	0.009
B0157630		3.36	0.087
B0157631		2.42	0.031
B0157632		2.19	0.040
B0157633		2.47	0.023
B0157634		2.83	0.218
B0157635		2.46	0.246
B0157636		2.52	0.068
B0157637		2.39	0.066
B0157638		2.53	0.010
B0157639		2.44	0.043
B0157640		2.29	0.076
B0157641		0.06	1.755
B0157642		2.34	0.615



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CERTIFICATE OF ANALYSIS TM20221120

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157643		2.11	0.206
B0157644		2.51	0.015
B0157645		3.10	0.054
B0157646		2.33	1.760
B0157647		2.61	0.121
B0157648		2.14	0.297
B0157649		2.41	0.136
B0157650		2.57	0.120
B0157651		2.64	0.082
B0157652		2.63	0.038
B0157653		2.07	0.104
B0157654		2.66	0.094
B0157655		0.06	1.740
B0157656		2.21	0.071
B0157657		2.80	0.347
B0157658		2.65	0.129
B0157659		2.04	0.047
B0157660		2.49	0.125
B0157661		1.67	1.655
B0157662		1.65	0.026
B0157663		2.03	0.039
B0157664		2.47	0.018
B0157665		2.87	0.007
B0157666		2.80	0.046
B0157667		1.32	<0.005
B0157668		2.74	0.411
B0157669		2.58	0.493
B0157670		2.42	0.030
B0157671		2.41	0.061
B0157672		2.74	0.020
B0157673		2.62	0.015
B0157674		3.06	0.093
B0157675		2.83	0.188
B0157676		2.05	3.75
B0157677		2.42	0.917
B0157678		3.96	0.236
B0157679		1.09	0.034
B0157680		1.41	0.722
B0157681		2.46	0.585
B0157682		2.29	0.737



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CERTIFICATE OF ANALYSIS TM20221120

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157683		2.74	0.078
B0157684		2.13	0.029
B0157685		2.56	0.835
B0157686		3.19	0.214
B0157687		2.75	0.258
B0157688		2.09	0.039

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CERTIFICATE OF ANALYSIS TM20221120

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-22
LOG-23 PUL-32 PUL-QC SPL-21
WEI-21



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CERTIFICATE TM20221113

This report is for 55 Drill Core samples submitted to our lab in Timmins, ON, Canada on 30-SEP-2020.
 The following have access to data associated with this certificate:
 GRANT EWING TODD KEAST

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM20221113

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23	Au-GRA21
		Recvd Wt. kg	Au ppm	Au ppm
		0.02	0.005	0.05
B0157689		3.40	0.087	
B0157690		2.67	0.011	
B0157691		3.02	0.334	
B0157692		4.25	0.154	
B0157693		2.80	0.036	
B0157694		2.54	<0.005	
B0157695		1.87	<0.005	
B0157696		2.46	0.013	
B0157697		2.91	0.033	
B0157698		2.73	0.039	
B0157699		2.40	0.009	
B0157700		2.54	<0.005	
B0157701		1.67	<0.005	
B0157702		0.05	8.59	
B0157703		2.20	0.005	
B0157704		2.60	<0.005	
B0157705		2.17	0.020	
B0157706		1.41	0.005	
B0157707		1.40	<0.005	
B0157708		2.08	0.069	
B0157709		2.25	0.609	
B0157710		2.77	0.752	
B0157711		1.84	5.36	
B0157712		2.16	>10.0	13.85
B0157713		2.28	1.360	
B0157714		2.09	1.150	
B0157715		2.61	0.273	
B0157716		2.45	1.405	
B0157717		2.43	0.502	
B0157718		2.68	3.39	
B0157719		0.07	0.747	
B0157720		2.18	3.39	
B0157721		2.42	0.430	
B0157722		2.85	0.112	
B0157723		2.16	0.005	
B0157724		2.72	0.114	
B0157725		2.47	0.048	
B0157726		1.53	0.467	
B0157727		2.98	0.209	
B0157728		2.47	0.254	



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CERTIFICATE OF ANALYSIS TM20221113

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm	Au-GRA21 Au ppm
		0.02	0.005	0.05
B0157729		2.33	0.012	
B0157730		2.17	0.040	
B0157731		2.84	0.005	
B0157732		2.81	0.007	
B0157733		1.66	<0.005	
B0157734		0.06	0.742	
B0157735		2.68	<0.005	
B0157736		2.58	<0.005	
B0157737		2.58	0.019	
B0157738		2.63	0.031	
B0157739		2.35	0.012	
B0157740		1.15	<0.005	
B0157741		2.25	0.008	
B0157742		2.86	0.026	
B0157743		2.52	0.760	



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CERTIFICATE OF ANALYSIS TM20221113

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23 Au-GRA21

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-23
PUL-32 PUL-QC SPL-21 WEI-21



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CERTIFICATE TM20227206

This report is for 65 Drill Core samples submitted to our lab in Timmins, ON, Canada on 7-OCT-2020.

The following have access to data associated with this certificate:

GRANT EWING

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM20227206

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157744		1.20	<0.005
B0157745		2.73	<0.005
B0157746		1.01	<0.005
B0157747		2.44	<0.005
B0157748		2.91	<0.005
B0157749		1.95	<0.005
B0157750		2.36	<0.005
B0157751		2.67	0.005
B0157752		2.54	<0.005
B0157753		2.05	0.005
B0157754		2.42	0.007
B0157755		2.41	0.005
B0157756		2.41	0.041
B0157757		1.48	<0.005
B0157758		2.73	<0.005
B0157759		2.22	0.006
B0157760		2.73	<0.005
B0157761		2.52	<0.005
B0157762		2.44	<0.005
B0157763		0.05	0.748
B0157764		2.70	<0.005
B0157765		2.38	<0.005
B0157766		2.42	<0.005
B0157767		2.29	<0.005
B0157768		1.02	0.007
B0157769		2.70	<0.005
B0157770		2.81	<0.005
B0157771		3.93	0.005
B0157772		2.32	<0.005
B0157773		3.06	<0.005
B0157774		2.25	<0.005
B0157775		2.81	<0.005
B0157776		2.34	<0.005
B0157777		2.43	0.005
B0157778		2.53	<0.005
B0157779		2.60	<0.005
B0157780		2.16	<0.005
B0157781		2.73	<0.005
B0157782		2.28	<0.005
B0157783		2.19	<0.005



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CERTIFICATE OF ANALYSIS TM20227206

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157784		2.03	0.009
B0157785		4.64	<0.005
B0157786		3.11	0.005
B0157787		0.06	0.757
B0157788		2.37	<0.005
B0157789		3.69	0.121
B0157790		2.59	4.24
B0157791		2.51	0.011
B0157792		2.36	0.007
B0157793		2.31	<0.005
B0157794		1.29	0.008
B0157795		2.80	<0.005
B0157796		1.68	<0.005
B0157797		2.95	0.024
B0157798		2.37	<0.005
B0157799		2.34	<0.005
B0157800		2.75	0.021
B0157801		2.80	0.008
B0157802		2.57	0.005
B0157803		2.52	<0.005
B0157804		2.96	<0.005
B0157805		1.26	0.005
B0157806		2.59	<0.005
B0157807		2.25	<0.005
B0157808		3.11	<0.005

***** See Appendix Page for comments regarding this certificate *****



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CERTIFICATE OF ANALYSIS TM20227206

CERTIFICATE COMMENTS	
	<p style="text-align: center;">LABORATORY ADDRESSES</p> <p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.</p> <p>Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.</p>
Applies to Method:	Au-AA23
Applies to Method:	CRU-31 CRU-QC LOG-21 LOG-23 PUL-32 PUL-QC SPL-21 WEI-21



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Account: RRLWWCLU

CERTIFICATE TM20240761

This report is for 109 Drill Core samples submitted to our lab in Timmins, ON, Canada on 21-OCT-2020.

The following have access to data associated with this certificate:

GRANT EWING

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

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Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM20240761

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157809		3.68	<0.005
B0157810		2.70	<0.005
B0157811		2.33	0.118
B0157812		1.40	<0.005
B0157813		1.90	<0.005
B0157814		2.69	<0.005
B0157815		1.87	<0.005
B0157816		2.45	<0.005
B0157817		2.54	<0.005
B0157818		0.06	0.764
B0157819		2.39	<0.005
B0157820		3.22	<0.005
B0157821		2.36	<0.005
B0157822		3.60	<0.005
B0157823		0.06	1.770
B0157824		2.72	0.005
B0157825		2.31	<0.005
B0157826		2.41	<0.005
B0157827		2.69	<0.005
B0157828		2.93	<0.005
B0157829		1.83	<0.005
B0157830		4.04	<0.005
B0157831		2.53	<0.005
B0157832		2.13	<0.005
B0157833		2.46	<0.005
B0157834		2.94	0.016
B0157835		2.95	<0.005
B0157836		2.26	<0.005
B0157837		2.57	<0.005
B0157838		2.76	<0.005
B0157839		2.42	<0.005
B0157840		3.45	<0.005
B0157841		2.96	<0.005
B0157842		2.47	<0.005
B0157843		2.69	<0.005
B0157844		2.56	<0.005
B0157845		2.73	<0.005
B0157846		3.19	<0.005
B0157847		2.27	<0.005
B0157848		2.58	<0.005



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CERTIFICATE OF ANALYSIS TM20240761

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157849		0.06	0.769
B0157850		2.32	<0.005
B0157851		2.35	<0.005
B0157852		2.56	<0.005
B0157853		2.33	<0.005
B0157854		2.42	<0.005
B0157855		2.74	<0.005
B0157856		1.35	<0.005
B0157857		2.17	<0.005
B0157858		2.91	<0.005
B0157859		2.69	<0.005
B0157860		2.16	<0.005
B0157861		2.52	<0.005
B0157862		2.49	<0.005
B0157863		2.32	<0.005
B0157864		3.27	<0.005
B0157865		2.34	<0.005
B0157866		2.45	<0.005
B0157867		2.85	<0.005
B0157868		2.84	<0.005
B0157869		3.05	<0.005
B0157870		2.20	<0.005
B0157871		4.02	<0.005
B0157872		1.98	<0.005
B0157873		2.76	<0.005
B0157874		2.64	<0.005
B0157875		2.30	<0.005
B0157876		2.64	<0.005
B0157877		1.65	<0.005
B0157878		2.78	0.044
B0157879		1.84	0.207
B0157880		2.46	0.045
B0157881		2.59	0.006
B0157882		2.65	0.012
B0157883		2.59	0.014
B0157884		0.05	0.763
B0157885		2.17	0.005
B0157886		3.59	<0.005
B0157887		3.49	<0.005
B0157888		2.13	<0.005



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To: **ROCKRIDGE RESOURCES LTD.**
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CERTIFICATE OF ANALYSIS TM20240761

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm
		0.02	0.005
B0157889		2.10	<0.005
B0157890		2.58	<0.005
B0157891		2.78	<0.005
B0157892		2.64	<0.005
B0157893		2.45	0.011
B0157894		2.12	0.008
B0157895		2.51	0.008
B0157896		2.82	0.019
B0157897		2.78	<0.005
B0157898		2.24	0.100
B0157899		2.41	<0.005
B0157900		2.86	0.021
B0157901		2.28	0.011
B0157902		1.17	<0.005
B0157903		2.86	<0.005
B0157904		2.88	0.010
B0157905		2.51	0.041
B0157906		2.37	0.088
B0157907		2.16	0.017
B0157908		0.06	8.64
B0157909		2.80	0.007
B0157910		2.19	0.043
B0157911		2.26	0.096
B0157912		2.66	0.102
B0157913		2.43	0.296
B0157914		3.40	0.006
B0157915		2.63	0.040
B0157916		2.35	0.027
B0157917		2.68	0.019



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CERTIFICATE OF ANALYSIS TM20240761

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-23
PUL-32 PUL-QC SPL-21 WEI-21



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CERTIFICATE TM20253829

This report is for 192 Drill Core samples submitted to our lab in Timmins, ON, Canada on 2-NOV-2020.
 The following have access to data associated with this certificate:

GRANT EWING	TODD KEAST
-------------	------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21d	Sample logging - ClientBarCode Dup
SPL-21d	Split sample - duplicate
PUL-32d	Pulverize Split -Dup 85% <75um
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Robert (Bob) K. Gordon, General Manager, Lao PDR



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CERTIFICATE OF ANALYSIS TM20253829

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157918		2.99	<0.005
B0157919		2.94	<0.005
B0157920		3.36	<0.005
B0157921		2.63	<0.005
B0157922		3.03	<0.005
B0157923		2.73	<0.005
B0157924		1.66	<0.005
B0157925		2.45	<0.005
B0157926		2.93	<0.005
B0157927		2.07	<0.005
B0157928		2.03	<0.005
B0157929		1.04	<0.005
B0157930		2.79	<0.005
B0157931		2.71	<0.005
B0157932		2.06	<0.005
B0157933		4.52	<0.005
B0157934		0.05	0.744
B0157935		2.77	<0.005
B0157936		2.79	<0.005
B0157937		2.69	<0.005
B0157938		3.06	<0.005
B0157939		2.20	<0.005
B0157940		2.49	<0.005
B0157941		2.49	<0.005
B0157942		2.73	<0.005
B0157943		2.31	<0.005
B0157944		2.10	<0.005
B0157945		2.34	0.005
B0157946		2.87	<0.005
B0157947		2.85	<0.005
B0157948		2.63	<0.005
B0157949		2.38	<0.005
B0157950		2.77	<0.005
B0157951		2.34	<0.005
B0157952		0.05	1.770
B0157953		2.47	<0.005
B0157954		2.32	<0.005
B0157955		3.07	<0.005
B0157956		2.18	<0.005
B0157957		3.72	<0.005



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm
		0.02	0.005
B0157958		3.13	<0.005
B0157959		1.27	<0.005
B0157960		2.37	<0.005
B0157961		1.92	<0.005
B0157962		2.23	<0.005
B0157963		2.55	<0.005
B0157964		2.99	<0.005
B0157965		2.26	<0.005
B0157966		2.66	<0.005
B0157967		2.79	<0.005
B0157968		2.81	<0.005
B0157969		2.76	<0.005
B0157970		2.25	<0.005
B0157971		2.78	<0.005
B0157972		3.27	<0.005
B0157973		1.61	<0.005
B0157974		2.39	<0.005
B0157975		1.19	<0.005
B0157976		3.76	<0.005
B0157977		2.84	<0.005
B0157978		2.67	<0.005
B0157979		2.84	<0.005
B0157980		3.13	0.009
B0157981		0.06	8.90
B0157982		2.70	<0.005
B0157983		2.27	0.005
B0157984		2.69	0.005
B0157985		2.70	<0.005
B0157986		3.01	0.005
B0157987		3.21	<0.005
B0157988		2.32	<0.005
B0157989		2.78	<0.005
B0157990		1.64	0.005
B0157991		2.24	0.007
B0157992		2.77	<0.005
B0157993		2.86	<0.005
B0157994		2.65	<0.005
B0157995		2.72	0.005
B0157996		1.35	<0.005
B0157997		1.95	<0.005



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Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
B0157998		2.75	<0.005
B0157999		2.79	<0.005
W932251		2.59	0.006
W932252		0.05	1.815
W932253		2.34	<0.005
W932254		1.53	<0.005
W932255		2.22	<0.005
W932256		2.90	<0.005
W932257		1.51	<0.005
W932258		2.40	<0.005
W932259		2.94	0.009
W932260		2.92	<0.005
W932261		3.31	<0.005
W932262		2.93	<0.005
W932263		2.53	<0.005
W932264		2.74	<0.005
W932265		2.09	0.006
W932266		2.54	0.010
W932267		2.84	<0.005
W932268		2.29	<0.005
W932269		2.66	<0.005
W932270		2.68	<0.005
W932271		1.84	<0.005
W932272		2.35	<0.005
W932273		2.89	<0.005
W932274		2.27	<0.005
W932275		2.78	<0.005
W932276		0.87	<0.005
W932277		2.32	<0.005
W932278		2.71	<0.005
W932279		2.66	<0.005
W932280		0.06	8.87
W932281		2.71	<0.005
W932282		2.90	<0.005
W932283		2.11	<0.005
W932284		2.65	<0.005
W932285		2.19	<0.005
W932286		2.24	<0.005
W932287		2.65	0.011
W932288		2.47	<0.005



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CERTIFICATE OF ANALYSIS TM20253829

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932289		2.21	<0.005
W932290		1.13	<0.005
W932291		3.09	<0.005
W932292		2.89	<0.005
W932293		1.88	0.005
W932294		2.14	0.017
W932295		2.07	<0.005
W932296		2.51	<0.005
W932297		1.50	0.006
W932298		2.44	0.186
W932299		2.49	0.016
W932300		2.50	0.008
W932301		2.41	0.046
W932302		2.42	0.059
W932303		1.22	<0.005
W932304		2.40	0.093
W932305		2.35	0.006
W932306		2.71	0.035
W932307		2.56	<0.005
W932308		2.59	0.005
W932309		2.45	0.037
W932310		2.76	0.005
W932311		0.05	8.48
W932312		2.57	<0.005
W932313		2.66	<0.005
W932314		2.40	0.010
W932315		2.41	0.042
W932316		2.82	<0.005
W932317		2.21	<0.005
W932318		2.66	0.008
W932319		2.71	0.009
W932320		2.73	0.023
W932321		2.18	0.558
W932322		1.50	<0.005
W932323		2.38	<0.005
W932324		2.56	<0.005
W932325		2.60	<0.005
W932326		2.28	<0.005
W932327		2.78	<0.005
W932328		2.28	0.011



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CERTIFICATE OF ANALYSIS TM20253829

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932329		2.38	<0.005
W932330		0.06	8.73
W932331		2.24	0.007
W932332		2.74	<0.005
W932333		2.37	<0.005
W932334		2.65	<0.005
W932335		2.52	<0.005
W932336		2.56	<0.005
W932337		2.62	<0.005
W932338		2.41	<0.005
W932339		3.31	<0.005
W932340		1.73	<0.005
W932341		<0.02	<0.005
W932342		2.99	<0.005
W932343		2.00	<0.005
W932344		2.68	<0.005
W932345		2.66	<0.005
W932346		2.25	0.218
W932347		2.56	2.21
W932348		0.06	0.795
W932349		2.92	0.038
W932350		2.12	<0.005
W932351		2.38	<0.005
W932352		2.85	<0.005
W932353		2.97	<0.005
W932354		2.41	0.010
W932355		2.32	<0.005
W932356		2.65	<0.005
W932357		2.59	<0.005
W932358		2.16	0.011
W932359		1.60	<0.005
W932360		2.34	0.010



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CERTIFICATE OF ANALYSIS TM20253829

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vientiane located at 287 Ban Saphanethong Neau, Vientiane, Laos PDR.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-21d
LOG-23 PUL-32 PUL-32d PUL-QC
SPL-21 SPL-21d WEI-21



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CERTIFICATE TM20259735

Project: RN-20-17

This report is for 93 Drill Core samples submitted to our lab in Timmins, ON, Canada on 9-NOV-2020.

The following have access to data associated with this certificate:

GRANT EWING	TODD KEAST
-------------	------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM20259735

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	Au-AA23 Au ppm
		0.02	0.005
W932361		2.07	<0.005
W932362		2.70	0.774
W932363		2.44	<0.005
W932364		1.89	<0.005
W932365		2.63	<0.005
W932366		2.69	<0.005
W932367		2.21	0.013
W932368		2.23	0.007
W932369		2.89	0.046
W932370		2.63	0.005
W932371		2.61	<0.005
W932372		Destroyed	
W932373		2.62	<0.005
W932374		2.28	0.006
W932375		2.86	<0.005
W932376		1.99	<0.005
W932377		0.06	0.768
W932378		2.23	<0.005
W932379		2.48	<0.005
W932380		2.61	<0.005
W932381		2.83	0.034
W932382		2.40	0.035
W932383		2.74	0.074
W932384		2.87	0.009
W932385		2.56	0.012
W932386		2.64	0.297
W932387		2.26	0.010
W932388		2.74	<0.005
W932390		2.24	0.078
W932391		2.64	<0.005
W932392		2.54	0.007
W932393		2.78	<0.005
W932394		2.90	<0.005
W932395		2.74	<0.005
W932396		2.73	<0.005
W932397		2.77	<0.005
W932398		2.54	<0.005
W932399		2.81	<0.005
W932400		3.00	<0.005
W932401		2.81	0.016



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CERTIFICATE OF ANALYSIS TM20259735

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23
		Recvd Wt. kg 0.02	Au ppm 0.005
W932402		0.06	1.780
W932403		3.23	<0.005
W932404		2.62	<0.005
W932405		2.80	<0.005
W932406		2.89	<0.005
W932407		3.01	<0.005
W932408		4.50	<0.005
W932409		2.94	<0.005
W932410		2.41	0.111
W932412		2.74	<0.005
W932413		2.76	<0.005
W932414		2.70	<0.005
W932415		2.94	<0.005
W932416		2.91	<0.005
W932417		2.64	<0.005
W932418		3.02	<0.005
W932419		2.82	<0.005
W932420		2.56	<0.005
W932421		2.59	<0.005
W932422		2.60	<0.005
W932423		2.33	<0.005
W932424		0.06	8.75
W932425		2.70	<0.005
W932426		2.61	<0.005
W932427		2.75	<0.005
W932428		2.39	<0.005
W932429		3.56	<0.005
W932430		1.49	<0.005
W932431		2.64	<0.005
W932432		2.33	0.005
W932433		1.42	0.005
W932435		2.33	<0.005
W932436		2.64	<0.005
W932437		2.72	<0.005
W932438		2.69	<0.005
W932439		3.33	<0.005
W932440		2.41	<0.005
W932441		2.63	<0.005
W932442		2.99	<0.005
W932443		2.67	<0.005



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To: **ROCKRIDGE RESOURCES LTD.**
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 Account: RRLWWCLU

Project: RN-20-17

CERTIFICATE OF ANALYSIS TM20259735

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932444		0.06	1.805
W932445		2.23	<0.005
W932446		3.20	<0.005
W932447		2.85	<0.005
W932448		2.48	<0.005
W932449		3.03	<0.005
W932450		2.57	<0.005
W932451		2.90	<0.005
W932452		2.81	<0.005
W932453		1.95	<0.005
W932454		2.64	<0.005
W932455		3.00	<0.005
W932456		2.70	<0.005



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Account: **RRLWWCLU**

Project: RN-20-17

CERTIFICATE OF ANALYSIS TM20259735

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-23
PUL-32 PUL-QC SPL-21 WEI-21



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CERTIFICATE TM20267509

Project: RN-20-18

This report is for 118 Drill Core samples submitted to our lab in Timmins, ON, Canada on 16-NOV-2020.

The following have access to data associated with this certificate:

GRANT EWING	TODD KEAST
-------------	------------

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Saa Traxler, General Manager, North Vancouver



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 Account: RRLWWCLU

Project: RN-20-18

CERTIFICATE OF ANALYSIS TM20267509

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932457		3.17	0.140
W932458		3.24	<0.005
W932459		2.77	<0.005
W932460		3.18	0.071
W932461		2.62	<0.005
W932462		2.51	<0.005
W932463		3.39	<0.005
W932464		2.68	<0.005
W932465		2.79	<0.005
W932466		2.31	0.007
W932467		2.75	<0.005
W932469		2.51	0.015
W932470		2.45	<0.005
W932471		2.47	<0.005
W932472		2.67	<0.005
W932473		0.05	0.758
W932474		2.43	<0.005
W932475		2.38	0.086
W932476		2.37	<0.005
W932477		2.20	<0.005
W932478		2.55	<0.005
W932479		2.12	<0.005
W932480		2.60	<0.005
W932481		2.33	<0.005
W932482		2.53	0.005
W932483		2.97	<0.005
W932484		3.09	<0.005
W932485		2.45	<0.005
W932487		2.69	0.009
W932488		2.71	<0.005
W932489		2.50	<0.005
W932490		2.84	0.246
W932491		2.14	0.501
W932492		0.06	1.780
W932493		2.63	0.264
W932494		2.42	0.086
W932495		2.58	0.122
W932496		3.65	0.012
W932497		3.40	<0.005
W932498		2.67	<0.005



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CERTIFICATE OF ANALYSIS TM20267509

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932499		2.73	<0.005
W932500		2.24	0.012
W932501		2.61	<0.005
W932502		2.07	<0.005
W932503		2.50	0.032
W932504		2.95	<0.005
W932505		2.35	0.015
W932507		2.36	0.247
W932508		2.56	0.256
W932509		2.84	0.115
W932510		2.28	<0.005
W932511		2.11	0.030
W932512		2.14	0.005
W932513		0.06	0.731
W932514		2.50	<0.005
W932515		2.63	<0.005
W932516		2.98	<0.005
W932517		1.97	<0.005
W932518		2.28	<0.005
W932519		2.31	<0.005
W932520		2.50	<0.005
W932521		2.36	<0.005
W932522		2.67	0.006
W932523		2.55	<0.005
W932524		2.80	<0.005
W932526		3.92	0.052
W932527		2.04	0.005
W932528		2.88	2.98
W932529		2.27	0.280
W932530		1.20	3.71
W932531		2.42	1.425
W932532		0.06	8.67
W932533		3.04	0.451
W932534		2.27	1.905
W932535		2.37	0.930
W932536		1.96	0.269
W932537		1.40	0.245
W932538		1.54	0.022
W932539		0.98	0.020
W932540		1.52	0.007



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CERTIFICATE OF ANALYSIS TM20267509

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932541		1.81	0.007
W932542		1.66	0.017
W932543		2.95	0.008
W932544		2.20	<0.005
W932545		2.16	<0.005
W932546		2.48	<0.005
W932548		2.62	0.009
W932549		2.45	<0.005
W932550		2.53	0.005
W932551		2.54	0.005
W932552		2.40	<0.005
W932553		2.63	<0.005
W932554		2.73	<0.005
W932555		2.71	<0.005
W932556		2.61	0.005
W932557		0.06	0.751
W932558		2.35	0.025
W932559		2.56	0.014
W932560		2.70	<0.005
W932561		2.52	<0.005
W932562		2.46	<0.005
W932563		2.24	<0.005
W932564		2.55	<0.005
W932565		2.12	<0.005
W932566		2.85	<0.005
W932567		4.04	0.038
W932568		1.54	0.083
W932569		2.34	0.032
W932570		2.74	0.064
W932571		2.30	0.119
W932572		2.81	0.247
W932573		2.88	0.241
W932575		2.77	0.120
W932576		2.38	0.055
W932577		2.58	0.010
W932578		2.60	0.005
W932579		2.95	<0.005
W932580		2.13	<0.005



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Account: **RRLWWCLU**

Project: RN-20-18

CERTIFICATE OF ANALYSIS TM20267509

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-23
PUL-32 PUL-QC SPL-21 WEI-21



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This copy reported on
29-JAN-2021
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CERTIFICATE TM20281975

Project: RN-20-19

This report is for 41 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 30-NOV-2020.

The following have access to data associated with this certificate:

GRANT EWING

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
LOG-21	Sample logging - ClientBarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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Project: RN-20-19

CERTIFICATE OF ANALYSIS TM20281975

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23
		Recvd Wt. kg 0.02	Au ppm 0.005
W932581		3.10	<0.005
W932582		1.95	<0.005
W932583		1.29	<0.005
W932584		3.31	<0.005
W932585		2.86	<0.005
W932587		3.07	<0.005
W932588		2.16	<0.005
W932589		2.43	<0.005
W932590		2.83	<0.005
W932591		0.06	0.784
W932592		3.39	<0.005
W932593		3.26	<0.005
W932594		1.75	<0.005
W932595		2.68	<0.005
W932596		2.38	<0.005
W932597		2.80	<0.005
W932598		2.38	<0.005
W932599		3.26	<0.005
W932600		0.06	1.795
W932601		2.79	<0.005
W932603		2.17	<0.005
W932604		2.13	<0.005
W932605		2.30	<0.005
W932606		2.65	<0.005
W932607		2.30	<0.005
W932608		2.80	<0.005
W932609		2.30	<0.005
W932610		2.60	<0.005
W932611		2.49	<0.005
W932612		2.14	<0.005
W932613		2.95	<0.005
W932614		2.65	<0.005
W932615		2.75	<0.005
W932616		3.00	0.007
W932617		2.43	<0.005
W932619		2.51	<0.005
W932620		2.47	<0.005
W932621		0.06	0.763
W932622		1.80	<0.005
W932623		2.36	<0.005



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Project: RN-20-19

CERTIFICATE OF ANALYSIS TM20281975

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005
W932624		3.50	<0.005



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Project: RN-20-19

CERTIFICATE OF ANALYSIS	TM20281975
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	CERTIFICATE COMMENTS
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	LABORATORY ADDRESSES								
Applies to Method:	<p>Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada. Au-AA23</p>								
Applies to Method:	<p>Processed at ALS Timmins located at Unit 10 – 2090 Riverside Drive, Timmins, ON, Canada.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">CRU-31</td> <td style="width: 33%;">CRU-QC</td> <td style="width: 33%;">LOG-21</td> <td style="width: 33%;">LOG-23</td> </tr> <tr> <td>PUL-32</td> <td>PUL-QC</td> <td>SPL-21</td> <td>WEI-21</td> </tr> </table>	CRU-31	CRU-QC	LOG-21	LOG-23	PUL-32	PUL-QC	SPL-21	WEI-21
CRU-31	CRU-QC	LOG-21	LOG-23						
PUL-32	PUL-QC	SPL-21	WEI-21						



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CERTIFICATE TM21001859

This report is for 55 samples of Drill Core submitted to our lab in Timmins, ON, Canada on 30-NOV-2020.

The following have access to data associated with this certificate:

GRANT EWING

TODD KEAST

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-23	Pulp Login - Rcvd with Barcode
LOG-21	Sample logging - ClientBarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32	Pulverize 1000g to 85% < 75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Saa Traxler, General Manager, North Vancouver



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CERTIFICATE OF ANALYSIS TM21001859

Sample Description	Method Analyte Units LOD	WEI-21	Au-AA23
		Recvd Wt. kg 0.02	Au ppm 0.005
W932625		3.16	0.013
W932626		3.03	0.007
W932627		2.79	0.006
W932628		2.79	<0.005
W932629		2.23	0.008
W932630		3.04	<0.005
W932631		2.97	<0.005
W932632		2.38	<0.005
W932633		2.96	<0.005
W932634		3.01	<0.005
W932635		2.44	<0.005
W932636		4.57	0.006
W932637		2.93	<0.005
W932638		2.97	<0.005
W932639		3.24	<0.005
W932640		2.98	<0.005
W932642		3.56	<0.005
W932643		3.00	<0.005
W932644		2.52	<0.005
W932645		0.05	0.786
W932646		2.84	<0.005
W932647		2.56	<0.005
W932648		3.69	<0.005
W932649		2.54	<0.005
W932650		3.05	<0.005
W932651		2.93	<0.005
W932652		2.89	<0.005
W932653		2.48	<0.005
W932654		2.66	<0.005
W932655		2.73	0.005
W932656		2.60	<0.005
W932657		0.05	8.86
W932658		4.16	0.010
W932659		2.61	<0.005
W932660		2.62	<0.005
W932661		2.92	<0.005
W932662		2.14	<0.005
W932663		2.70	<0.005
W932664		2.78	<0.005
W932665		1.33	0.005



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CERTIFICATE OF ANALYSIS TM21001859

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	
W932666		3.26	<0.005	
W932668		2.69	<0.005	
W932669		2.92	<0.005	
W932670		2.53	<0.005	
W932671		2.62	<0.005	
W932672		2.94	<0.005	
W932673		2.77	<0.005	
W932674		2.51	<0.005	
W932675		2.60	0.005	
W932676		2.77	<0.005	
W932677		0.06	0.771	
W932678		2.64	<0.005	
W932679		2.29	<0.005	
W932680		3.03	<0.005	
W932681		2.43	<0.005	



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CERTIFICATE OF ANALYSIS TM21001859

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.
Au-AA23

Applies to Method: Processed at ALS Timmins located at Unit 10 - 2090 Riverside Drive, Timmins, ON, Canada.
CRU-31 CRU-QC LOG-21 LOG-23
PUL-32 PUL-QC SPL-21 WEI-21

Appendix D: Claim Data

Table 1: Claim information for Rockridge Resources Ltd Raney Gold Property including the townships, tenure identification number, tenure type and anniversary date for each claim.

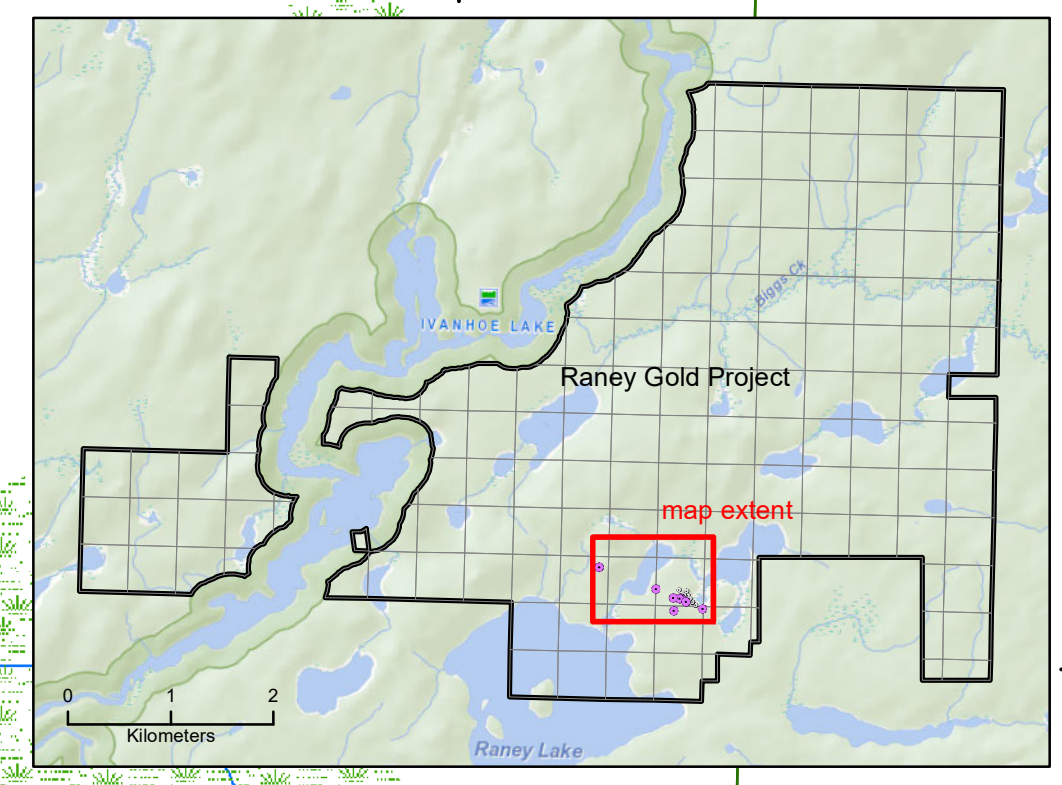
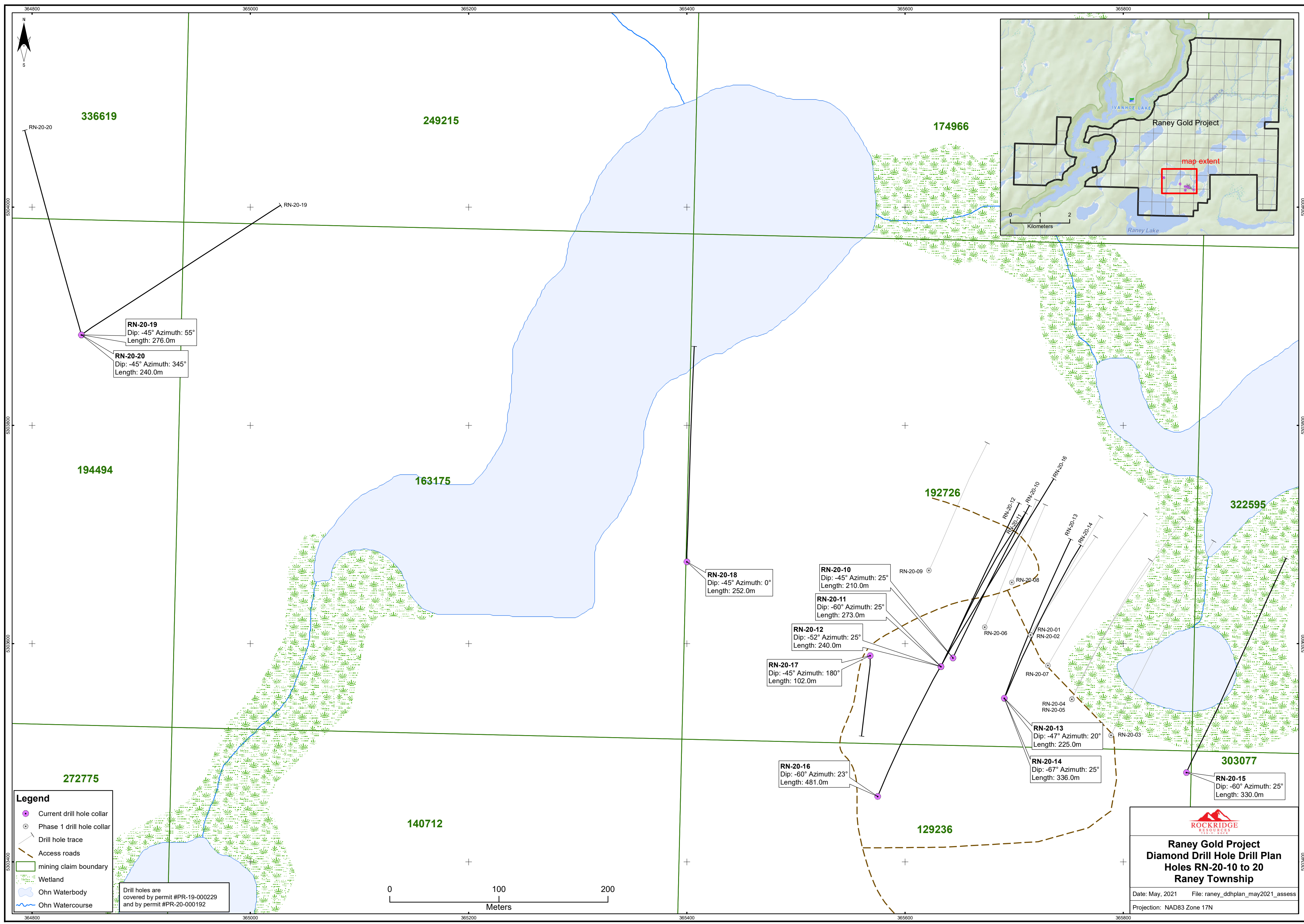
	Township / Area	Tenure ID	Tenure Type	Anniversary Date
1	RANEY	103895	Single Cell Mining Claim	2022-02-22
2	RANEY	112807	Boundary Cell Mining Claim	2022-10-19
3	RANEY	113009	Single Cell Mining Claim	2022-02-22
4	RANEY	129236	Single Cell Mining Claim	2022-04-13
5	RANEY	140419	Single Cell Mining Claim	2022-02-22
6	RANEY	140712	Single Cell Mining Claim	2022-04-13
7	RANEY	141225	Single Cell Mining Claim	2022-02-22
8	RANEY	141226	Single Cell Mining Claim	2022-02-22
9	RANEY	141227	Single Cell Mining Claim	2022-02-22
10	RANEY	144631	Single Cell Mining Claim	2022-10-19
11	RANEY	149363	Single Cell Mining Claim	2022-02-22
12	RANEY	152148	Single Cell Mining Claim	2022-02-22
13	RANEY	152149	Single Cell Mining Claim	2022-02-22
14	RANEY	155297	Single Cell Mining Claim	2022-02-22
15	RANEY	155298	Single Cell Mining Claim	2022-02-22
16	RANEY	159009	Single Cell Mining Claim	2022-02-22
17	RANEY	160484	Single Cell Mining Claim	2022-02-22
18	RANEY	163175	Single Cell Mining Claim	2022-05-03
19	RANEY	165112	Boundary Cell Mining Claim	2022-02-22
20	RANEY	168719	Boundary Cell Mining Claim	2022-02-22
21	RANEY	169976	Single Cell Mining Claim	2022-02-22
22	RANEY	174964	Single Cell Mining Claim	2022-02-22
23	RANEY	174965	Single Cell Mining Claim	2022-02-22
24	RANEY	174966	Single Cell Mining Claim	2022-05-03
25	RANEY	176713	Single Cell Mining Claim	2022-02-22
26	RANEY	176714	Single Cell Mining Claim	2022-02-22
27	RANEY	185861	Boundary Cell Mining Claim	2022-10-19
28	RANEY	192726	Single Cell Mining Claim	2022-05-03
29	RANEY	193041	Single Cell Mining Claim	2022-02-22
30	RANEY	194492	Single Cell Mining Claim	2022-02-22
31	RANEY	194493	Single Cell Mining Claim	2022-02-22
32	RANEY	194494	Single Cell Mining Claim	2022-10-19
33	RANEY	197474	Single Cell Mining Claim	2022-02-22
34	RANEY	197475	Single Cell Mining Claim	2022-02-22
35	RANEY	197476	Boundary Cell Mining Claim	2022-02-22

36	RANEY	220035	Single Cell Mining Claim	2022-02-22
37	RANEY	220036	Single Cell Mining Claim	2022-02-22
38	RANEY	224375	Boundary Cell Mining Claim	2022-02-22
39	RANEY	231309	Boundary Cell Mining Claim	2022-02-22
40	RANEY	231848	Boundary Cell Mining Claim	2022-02-22
41	RANEY	231849	Boundary Cell Mining Claim	2022-02-22
42	RANEY	235558	Single Cell Mining Claim	2022-10-19
43	RANEY	236528	Single Cell Mining Claim	2022-02-22
44	RANEY	241654	Single Cell Mining Claim	2022-02-22
45	RANEY	241655	Single Cell Mining Claim	2022-02-22
46	RANEY	241656	Single Cell Mining Claim	2022-02-22
47	RANEY	241657	Single Cell Mining Claim	2022-04-13
48	RANEY	249214	Single Cell Mining Claim	2022-02-22
49	RANEY	249215	Single Cell Mining Claim	2023-05-03
50	RANEY	261186	Single Cell Mining Claim	2022-02-22
51	RANEY	261187	Single Cell Mining Claim	2022-02-22
52	RANEY	264034	Single Cell Mining Claim	2022-02-22
53	RANEY	272775	Single Cell Mining Claim	2022-10-19
54	RANEY	272776	Single Cell Mining Claim	2022-10-19
55	RANEY	273952	Single Cell Mining Claim	2022-02-22
56	RANEY	273953	Single Cell Mining Claim	2022-02-22
57	RANEY	277858	Single Cell Mining Claim	2022-02-22
58	RANEY	279329	Boundary Cell Mining Claim	2022-02-22
59	RANEY	279869	Single Cell Mining Claim	2022-02-22
60	RANEY	300083	Single Cell Mining Claim	2022-02-22
61	RANEY	301329	Single Cell Mining Claim	2022-02-22
62	RANEY	303076	Boundary Cell Mining Claim	2022-10-19
63	RANEY	303077	Single Cell Mining Claim	2022-04-13
64	RANEY	303806	Single Cell Mining Claim	2022-02-22
65	RANEY	308986	Single Cell Mining Claim	2022-02-22
66	RANEY	308987	Single Cell Mining Claim	2022-02-22
67	RANEY	310551	Single Cell Mining Claim	2022-02-22
68	RANEY	310552	Single Cell Mining Claim	2022-02-22
69	RANEY	310553	Single Cell Mining Claim	2022-02-22
70	RANEY	315689	Single Cell Mining Claim	2022-10-19
71	RANEY	321506	Single Cell Mining Claim	2022-10-19
72	RANEY	322595	Single Cell Mining Claim	2022-04-13
73	RANEY	326684	Boundary Cell Mining Claim	2022-10-19
74	RANEY	327632	Boundary Cell Mining Claim	2022-02-22
75	RANEY	331710	Single Cell Mining Claim	2022-10-19
76	RANEY	333220	Single Cell Mining Claim	2022-02-22
77	RANEY	333221	Single Cell Mining Claim	2022-02-22
78	RANEY	336619	Single Cell Mining Claim	2022-02-22
79	RANEY	338285	Single Cell Mining Claim	2022-02-22

80	RANEY	585389	Single Cell Mining Claim	2022-04-22
81	RANEY	585390	Single Cell Mining Claim	2022-04-22
82	CROCKETT	585391	Single Cell Mining Claim	2022-04-22
83	CROCKETT,RANEY	585392	Single Cell Mining Claim	2022-04-22
84	RANEY	585393	Single Cell Mining Claim	2022-04-22
85	CROCKETT	585394	Single Cell Mining Claim	2022-04-22
86	CROCKETT	585395	Single Cell Mining Claim	2022-04-22
87	CROCKETT	585396	Single Cell Mining Claim	2022-04-22
88	RANEY	585397	Single Cell Mining Claim	2022-04-22
89	RANEY	585398	Single Cell Mining Claim	2022-04-22
90	RANEY	585399	Single Cell Mining Claim	2022-04-22
91	CROCKETT	585400	Single Cell Mining Claim	2022-04-22
92	CROCKETT,RANEY	585401	Single Cell Mining Claim	2022-04-22
93	RANEY	585402	Single Cell Mining Claim	2022-04-22
94	CROCKETT	585403	Single Cell Mining Claim	2022-04-22
95	CROCKETT,RANEY	585404	Single Cell Mining Claim	2022-04-22
96	RANEY	585405	Single Cell Mining Claim	2022-04-22
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98	RANEY	585407	Single Cell Mining Claim	2022-04-22
99	RANEY	585441	Single Cell Mining Claim	2022-04-23
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103	RANEY	585445	Single Cell Mining Claim	2022-04-23
104	RANEY	585446	Single Cell Mining Claim	2022-04-23
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110	RANEY	585452	Single Cell Mining Claim	2022-04-23
111	RANEY	585453	Single Cell Mining Claim	2022-04-23
112	RANEY	585454	Single Cell Mining Claim	2022-04-23
113	RANEY	585455	Single Cell Mining Claim	2022-04-23
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120	RANEY	585462	Single Cell Mining Claim	2022-04-23
121	RANEY	585463	Single Cell Mining Claim	2022-04-23
122	RANEY	585464	Single Cell Mining Claim	2022-04-23
123	RANEY	585465	Single Cell Mining Claim	2022-04-23

124	RANEY	585466	Single Cell Mining Claim	2022-04-23
125	RANEY	585467	Single Cell Mining Claim	2022-04-23
126	RANEY	585468	Single Cell Mining Claim	2022-04-23
127	RANEY	585469	Single Cell Mining Claim	2022-04-23
128	RANEY	585470	Single Cell Mining Claim	2022-04-23
129	RANEY	585471	Single Cell Mining Claim	2022-04-23
130	RANEY	585472	Single Cell Mining Claim	2022-04-23
131	RANEY	585473	Single Cell Mining Claim	2022-04-23
132	RANEY	585474	Single Cell Mining Claim	2022-04-23
133	RANEY	585475	Single Cell Mining Claim	2022-04-23
134	RANEY	585476	Single Cell Mining Claim	2022-04-23
135	RANEY	585477	Single Cell Mining Claim	2022-04-23
136	RANEY	585478	Single Cell Mining Claim	2022-04-23
137	RANEY	585479	Single Cell Mining Claim	2022-04-23
138	RANEY	585480	Single Cell Mining Claim	2022-04-23
139	RANEY	585481	Single Cell Mining Claim	2022-04-23
140	RANEY	585482	Single Cell Mining Claim	2022-04-23
141	RANEY	585483	Single Cell Mining Claim	2022-04-23
142	RANEY	585484	Single Cell Mining Claim	2022-04-23
143	RANEY	585485	Single Cell Mining Claim	2022-04-23
144	RANEY	585486	Single Cell Mining Claim	2022-04-23
145	RANEY	585487	Single Cell Mining Claim	2022-04-23
146	RANEY	585488	Single Cell Mining Claim	2022-04-23

Appendix E: Drill Plans



RN-20-19
Dip: -45° Azimuth: 55°
Length: 276.0m

RN-20-20
Dip: -45° Azimuth: 345°
Length: 240.0m

RN-20-18
Dip: -45° Azimuth: 0°
Length: 252.0m

RN-20-10
Dip: -45° Azimuth: 25°
Length: 210.0m

RN-20-11
Dip: -60° Azimuth: 25°
Length: 273.0m

RN-20-12
Dip: -52° Azimuth: 25°
Length: 240.0m

RN-20-17
Dip: -45° Azimuth: 180°
Length: 102.0m

RN-20-16
Dip: -60° Azimuth: 23°
Length: 481.0m

RN-20-13
Dip: -47° Azimuth: 20°
Length: 225.0m

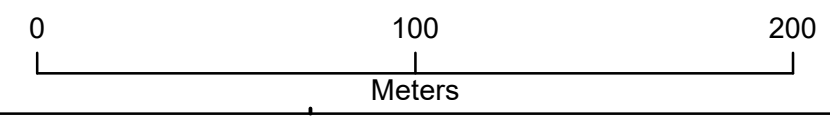
RN-20-14
Dip: -67° Azimuth: 25°
Length: 336.0m

RN-20-15
Dip: -60° Azimuth: 25°
Length: 330.0m

Legend

- Current drill hole collar
- Phase 1 drill hole collar
- Drill hole trace
- Access roads
- mining claim boundary
- Wetland
- Ohn Waterbody
- Ohn Watercourse

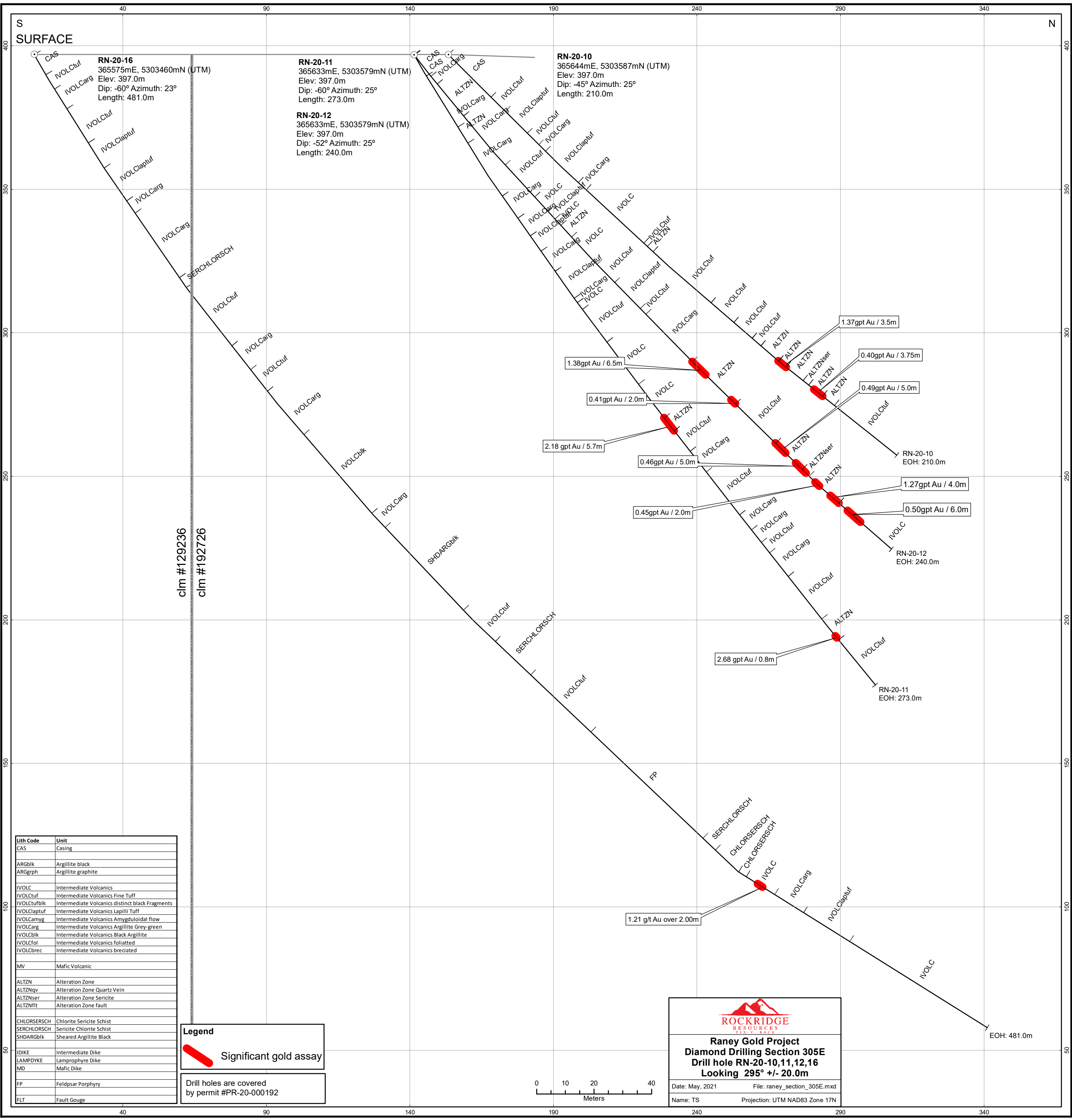
Drill holes are covered by permit #PR-19-000229 and by permit #PR-20-000192



ROCKRIDGE RESOURCES

Raney Gold Project
Diamond Drill Hole Drill Plan
Holes RN-20-10 to 20
Raney Township

Date: May, 2021 File: raney_ddhplan_may2021_assess
Projection: NAD83 Zone 17N



Lith Code	Unit
CAS	Casing
ARGblk	Argillite black
ARGgrph	Argillite graphite
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
IVOLCfol	Intermediate Volcanics foliated
IVOLCbrec	Intermediate Volcanics brecciated
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNser	Alteration Zone Sericite
ALTZNflt	Alteration Zone fault
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMPDYKE	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

Legend

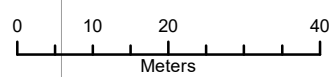
Significant gold assay

Drill holes are covered by permit #PR-20-000192

ROCKRIDGE RESOURCES

Raney Gold Project
Diamond Drilling Section 305E
Drill hole RN-20-10,11,12,16
Looking 295° +/- 20.0m

Date: May, 2021 File: raney_section_305E.mxd
 Name: TS Projection: UTM NAD83 Zone 17N



RN-20-13
 365691mE, 5303550mN (UTM)
 Elev: 397.0m
 Dip: -47° Azimuth: 20°
 Length: 225.0m

RN-20-14
 365691mE, 5303550mN (UTM)
 Elev: 397.0m
 Dip: -67° Azimuth: 25°
 Length: 336.0m

clm #192726

SURFACE

2.50gpt Au / 13.0m

0.23 gpt Au / 2.0m

1.97 g/t Au over 2.00m

RN-20-13
 EOH: 225.0m

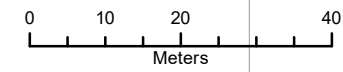
RN-20-14
 EOH: 336.0m

Lith Code	Unit
CAS	Casing
ARGblk	Argillite black
ARGgrph	Argillite graphite
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
IVOLCfol	Intermediate Volcanics foliatted
IVOLCbrec	Intermediate Volcanics brecciated
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNser	Alteration Zone Sericite
ALTZNflt	Alteration Zone fault
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMPDYKE	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

Legend

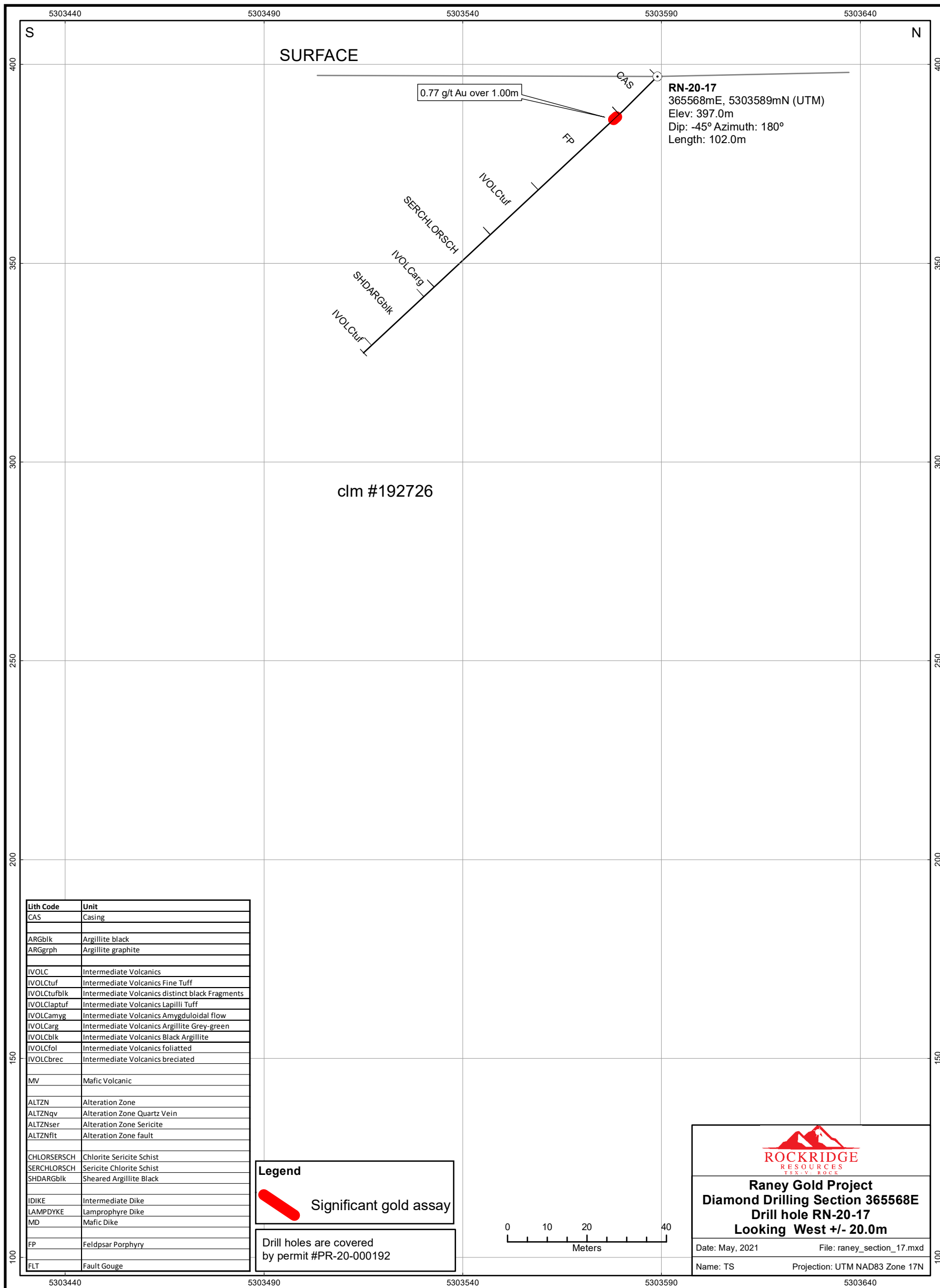
 Significant gold assay

Drill holes are covered by permit #PR-20-000192



Raney Gold Project
Diamond Drilling Section 370E
Drill hole RN-20-13,14
Looking 295° +/- 20.0m

Date: May, 2021 File: raney_section_370E.mxd
 Name: TS Projection: UTM NAD83 Zone 17N



5303440 5303490 5303540 5303590 5303640

S N

SURFACE


0.77 g/t Au over 1.00m


RN-20-17
 365568mE, 5303589mN (UTM)
 Elev: 397.0m
 Dip: -45° Azimuth: 180°
 Length: 102.0m

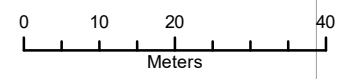
clm #192726

Lith Code	Unit
CAS	Casing
ARGblk	Argillite black
ARGgrph	Argillite graphite
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
IVOLCfol	Intermediate Volcanics foliated
IVOLCbrec	Intermediate Volcanics brecciated
IMV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNser	Alteration Zone Sericite
ALTZNflt	Alteration Zone fault
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMPDYKE	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

Legend

 Significant gold assay

 Drill holes are covered by permit #PR-20-000192

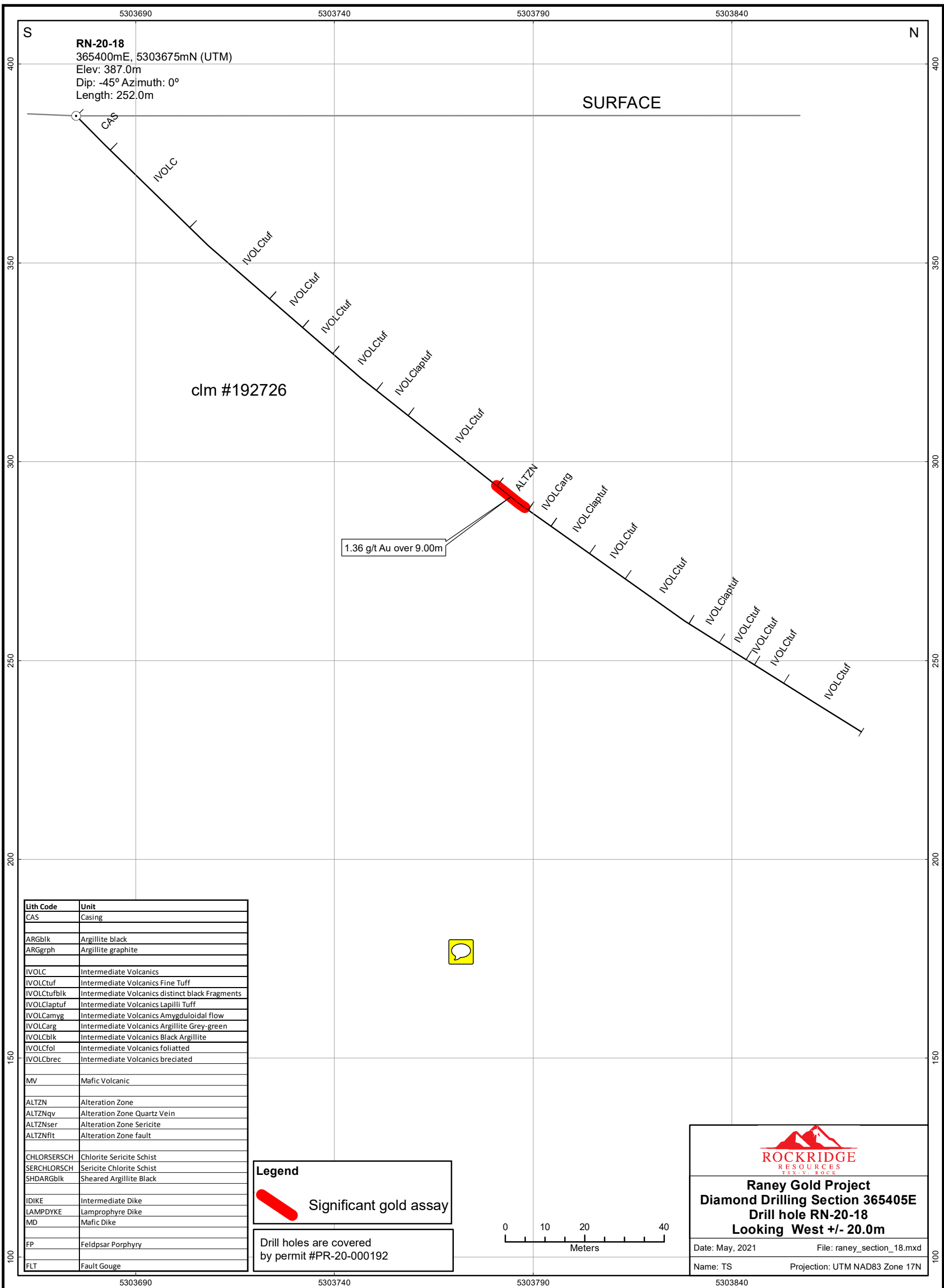


ROCKRIDGE RESOURCES
 T S R - V I R O C K

Raney Gold Project
Diamond Drilling Section 365568E
Drill hole RN-20-17
Looking West +/- 20.0m

Date: May, 2021 File: raney_section_17.mxd
 Name: TS Projection: UTM NAD83 Zone 17N

5303440 5303490 5303540 5303590 5303640




RN-20-18
 365400mE, 5303675mN (UTM)
 Elev: 387.0m
 Dip: -45° Azimuth: 0°
 Length: 252.0m

SURFACE

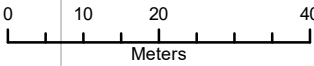
clm #192726

1.36 g/t Au over 9.00m

Lith Code	Unit
CAS	Casing
ARGblk	Argillite black
ARGgrph	Argillite graphite
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
IVOLCfol	Intermediate Volcanics foliated
IVOLCbrec	Intermediate Volcanics brecciated
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNser	Alteration Zone Sericite
ALTZNflt	Alteration Zone fault
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMPDYKE	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

Legend
 Significant gold assay

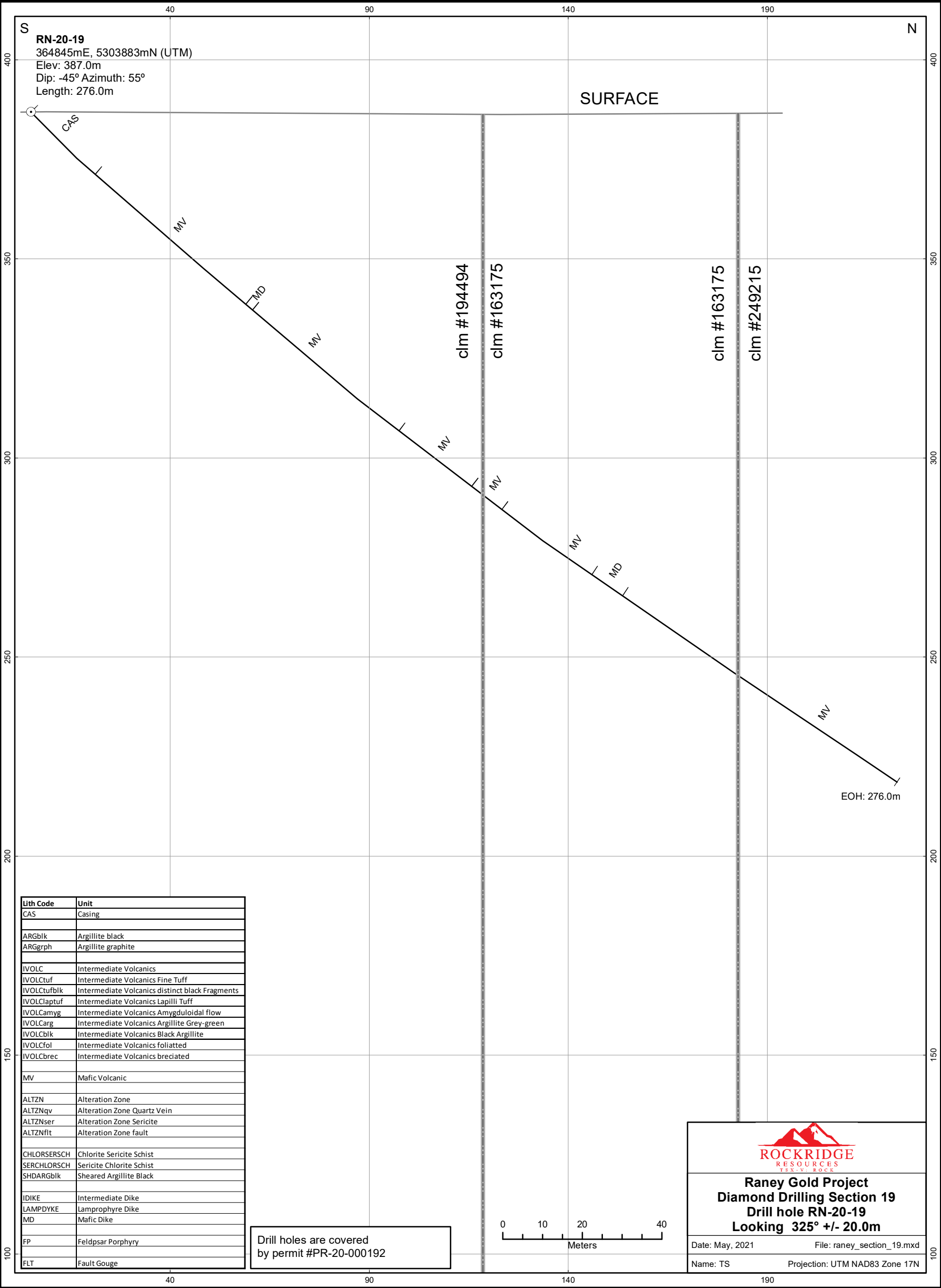
Drill holes are covered
 by permit #PR-20-000192



ROCKRIDGE
 RESOURCES
 TSX-V: ROR

Raney Gold Project
Diamond Drilling Section 365405E
Drill hole RN-20-18
Looking West +/- 20.0m

Date: May, 2021 File: raney_section_18.mxd
 Name: TS Projection: UTM NAD83 Zone 17N



RN-20-19
 364845mE, 5303883mN (UTM)
 Elev: 387.0m
 Dip: -45° Azimuth: 55°
 Length: 276.0m

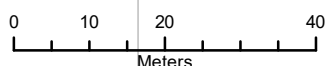
SURFACE


clm #194494
 clm #163175
 clm #163175
 clm #249215

EOH: 276.0m

Lith Code	Unit
CAS	Casing
ARGblk	Argillite black
ARGgrph	Argillite graphite
IVOLC	Intermediate Volcanics
IVOLCtuf	Intermediate Volcanics Fine Tuff
IVOLCtufblk	Intermediate Volcanics distinct black Fragments
IVOLClaptuf	Intermediate Volcanics Lapilli Tuff
IVOLCamyg	Intermediate Volcanics Amygduloidal flow
IVOLCarg	Intermediate Volcanics Argillite Grey-green
IVOLCblk	Intermediate Volcanics Black Argillite
IVOLCfol	Intermediate Volcanics foliated
IVOLCbrec	Intermediate Volcanics brecciated
MV	Mafic Volcanic
ALTZN	Alteration Zone
ALTZNqv	Alteration Zone Quartz Vein
ALTZNser	Alteration Zone Sericite
ALTZNflt	Alteration Zone fault
CHLORSERSCH	Chlorite Sericite Schist
SERCHLORSCH	Sericite Chlorite Schist
SHDARGblk	Sheared Argillite Black
IDIKE	Intermediate Dike
LAMPDYKE	Lamprophyre Dike
MD	Mafic Dike
FP	Feldspar Porphyry
FLT	Fault Gouge

Drill holes are covered
 by permit #PR-20-000192





Rockridge Resources
 TSR-VI-ROCK

Raney Gold Project
Diamond Drilling Section 19
Drill hole RN-20-19
Looking 325° +/- 20.0m

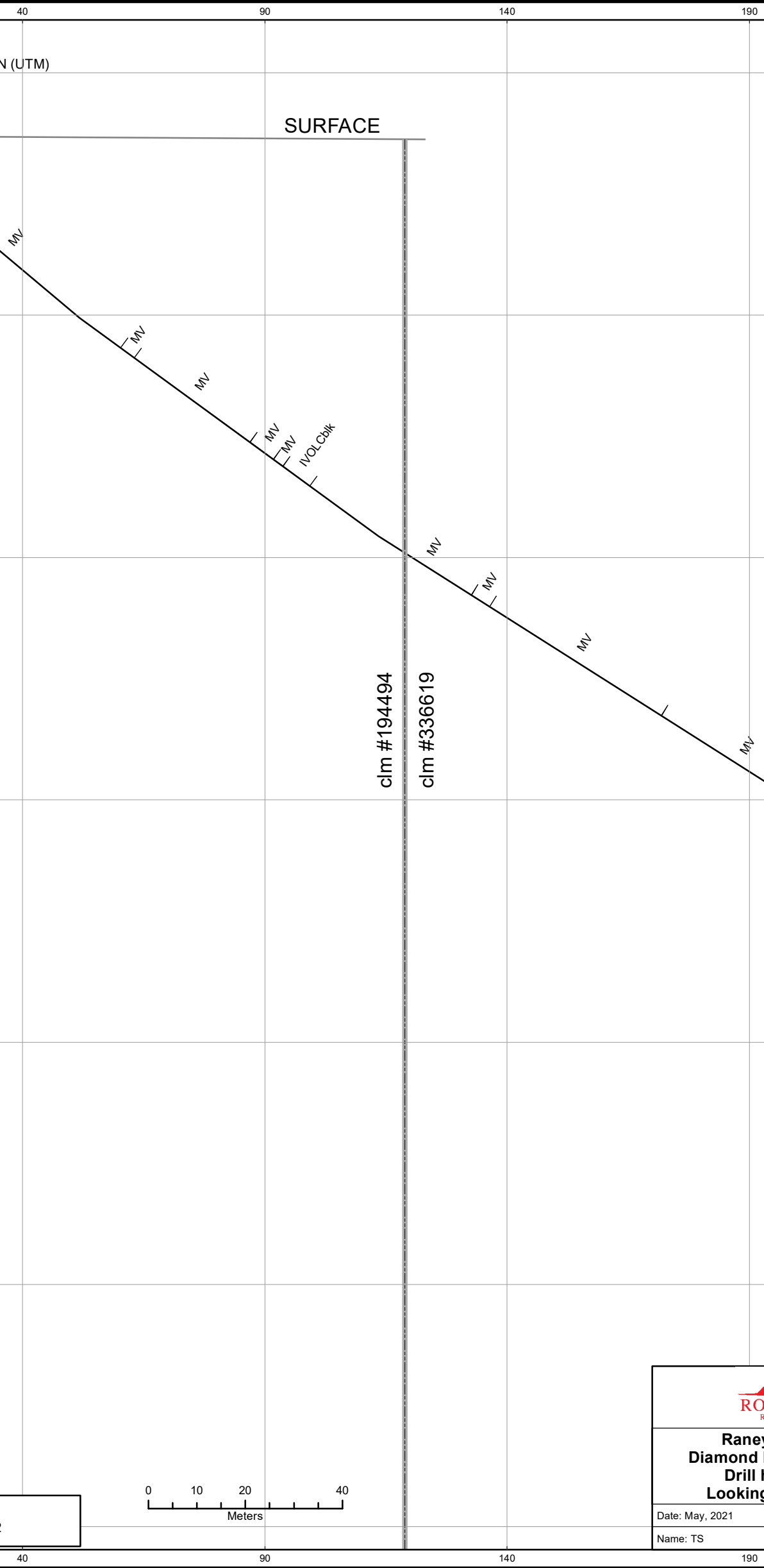
Date: May, 2021 File: raney_section_19.mxd
 Name: TS Projection: UTM NAD83 Zone 17N

RN-20-20
364845mE, 5303883mN (UTM)
Elev: 387.0m
Dip: -45° Azimuth: 345°
Length: 240.0m

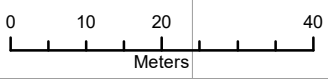
SURFACE


clm #194494
clm #336619

EOH: 240.0m



Drill holes are covered
by permit #PR-20-000192




Rockridge Resources
TSR-VI ROCK

Raney Gold Project
Diamond Drilling Section 90
Drill hole RN-20-20
Looking 255° +/- 20.0m

Date: May, 2021 File: raney_section_20.mxd
Name: TS Projection: UTM NAD83 Zone 17N