2019 TRENCH AND ROCK SAMPLING ASSESSMENT REPORT

on the MARIPOSA PROPERTY

Owned by Pacific Ridge Exploration Ltd.

Mariposa Claims – Group A

Grant No.		Name		Grant No.		Name
From	To			From	To	
YC20192	YC20203	Rum Run 21-32		YD08171		Gertie 31
YC20205		Rum Run 34		YD08173		Gertie 33
YC20207		Rum Run 36		YD08175		Gertie 35
YC20209		Rum Run 38		YD08177		Gertie 37
YC20211		Rum Run 40		YD08179		Gertie 39
YC20214		Rum Run 43		YD08181		Gertie 41
YC20216		Rum Run 45		YD12601	YD12611	Toluamide 65-75
YC20218		Rum Run 47		YD12621	YD12630	Toluamide 85-94
YC20220		Rum Run 49		YD12672		Toluamide 136
YC20222	YC20227	Rum Run 53-58		YD12673	YD12674	Toluamide 137-138
YC36188	YC36190	Rum Run 4, 46, 48		YD12675	YD12679	Toluamide F 139-143
YC75987	YC76012	Toluamide 1-26		YD31534	YD31535	Toluamide F 144-145
YC76014	YC76027	Toluamide 28-41		YD31544		Toluamide F 146
YD08145	YD08156	Gertie 5-16		YD64218		Lot 2
YD08169		Gertie 29		YD64281		Lot 1

Claim Sheets No 115O/01, 115O/02, 115J/15 and 115J/16
Latitude 63° 00’ N, Longitude 138° 32’ W
Dawson Mining District, Yukon

Work Performed during the period July 1 to September 30, 2019

by

Gerald G. Carlson, Ph.D., P.Eng.

December 10, 2019

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SUMMARY

The Mariposa Property (the "Property") was acquired in September 2009, by way of an option agreement with the Tintina Syndicate that granted Pacific Ridge the right to earn a 100% interest in the Property subject to a 2% NSR through making cash and shares payments. With the success of the 2010 YMIP supported exploration program, Pacific Ridge expanded the property to comprise 967 claims covering a 30 x 10 km area, or approximately 265 km^2.

The property is located 120 kilometres southeast of Dawson City, Yukon. It is also 15 kilometres southeast of White Gold's Golden Saddle discovery and 12 kilometres east-northeast of Newmont-Goldcorp's Coffee property. The Property lies within a regional major northwest trending structural corridor which hosts numerous gold and copper deposits.

The local geological setting of the Mariposa Property is similar to the White Gold and Coffee properties in terms of the host lithologies, the structural controls and brittle style of deformation and the style of gold mineralization. Prior exploration identified an open-ended 7 kilometres long horizon of altered sulphide bearing quartz mica schist in the Skookum Zone area of the Property. This unit is locally flanked by intrusive and mafic rock units, a setting favorable for hosting a gold-mineralizing system.

The history of gold exploration within the Property dates to 1898, when gold was first discovered in Scroggie and Mariposa Creeks. The first mechanized mining began in the mid 1950's, while large scale mechanized mining began in 1980 and has continued uninterrupted up until the present. It has been estimated that over 100,000 ounces of gold with a fineness of 905 has been produced from Mariposa and Scroggie Creeks.

The first lode gold exploration in the area was reported in 1917, when claims were staked over a reported quartz vein occurrence in the area of the Mariposa Creek placer workings in the general vicinity of the current Skookum Jim anomaly. Interest in lode gold exploration picked up in the early 1970's, with the porphyry copper exploration boom in the Dawson Range, but, it is only during the past 12 years that a sustained exploration effort has been carried out on the Property, including ridge and spur prospecting and geochemical sampling (rock, soil and silt) and, more recently with several localized soil grids throughout the claims.

The Property is located within the central Dawson Range, southwest-central Yukon, where it forms part of a regionally extensive, northwest-southeast trending polymetallic mineral belt associated with Early Jurassic to latest Cretaceous magmatism. It lies entirely within the Yukon-Tanana Terrane (YTT), an accreted terrane separated from the Selwyn Basin and associated carbonate platforms strata of the ancestral North American margin by the NW-SE trending Tintina Fault. The YTT consists of a belt of Late Devonian to Late Permian metamorphic rocks, including various metasedimentary and metavolcanic assemblages, and up to four distinct suites of calc-alkaline metaplutonic rocks (Mortensen, 1996; Colpron et al., 2006). In the Dawson Range, the YTT typically includes intercalated packages of metasedimentary and metavolcanic rock sequences predominantly composed of quartz-mica schist and diorite gneiss. The magmatic episodes are associated with penetrative deformation and metamorphic events ranging in age from late Paleozoic to Tertiary.

The Property is underlain by a polydeformed sequence of Permian through to Jurassic age metasedimentary and metaplutonic rocks that have been intruded by (i) discontinuous bodies of mafic – ultramafic intrusions, (ii) Cretaceous quartz monzonite and granite intrusions, and (iii) feldspar porphyry dykes and small intrusive plugs. The Permian – Jurassic rocks are considered to be 'basement' and host gold mineralization on the Mariposa property where they form a NW-striking, variably NE-dipping homoclinal sequence.

Pacific Ridge acquired the Property in 2009 and carried out an initial program of prospecting, soil sampling and trenching, identifying and partially defining the main Skookum Jim target. A total of 2952 auger soil samples were collected. The survey defined a strong gold anomaly approximately 600 m by 1100 with peak gold values to 1570 ppb that was is open to the north and west. To the east of Skookum Jim, locally elevated gold results were detected in areas of sporadic permafrost. Soil samples in the Hackly Gold, Maisy May and Big Alex areas also returned elevated gold results. Also, in 2010, with the assistance of a YMIP grant, Richards staked the 128 claim AC claim group in the Alberta Creek area and then carried out a geochemical survey, including 202 soil samples, two silt samples and 11 rock chip samples. Several of the soil samples reported moderately anomalous Au values (20 to 134 ppb) with supporting anomalous Mo, Pb, As and Sb. The claims were subsequently optioned to Pacific Ridge.

In 2011, the program accelerated significantly with the collection of over 8,000 soil samples, ground and airborne magnetic surveys and the completion of 41 drill holes for 6,000 m. Drill highlights from the Skookum Main zone included 2.44 g/t Au over 38.9 m, 1.13 g/t Au over 19.8 m, 0.63 g/t Au over 45.3 m and 1.67 g/t Au over 12 m. Work continued in 2012, with an additional 3,500 soil samples, additional ground magnetics, 1,850 m of trenching in 16 trenches and 2,450 m of drilling in 14 core holes.

In 2013, a small program of soil sampling, with the collection of 134 samples in a gap within the Alberta Creek anomaly, was followed by a high-resolution IP/resistivity survey and a deep penetrating Geoprobe soil survey over the Skookum and Alberta Creek targets. This work was supported by YMIP grant 13-074.

In 2015, Pacific Ridge completed a RAB drill program of 655.3 m in 12 holes (Carlson, 2015). The program, supported by YMEP grant 15-014, successfully defined the orientation of the Skookum Main gold zone with a strike of approximately 060^{o} and a dip of approximately 50^{o} to the southeast. Within the broad, low grade zone, with a thickness of in excess of 100 m, are two and possibly three higher grade zones. Grades ranged 0.5 to 4.96 gpt Au over widths from 1.5 m to over 40 m. The correlation of gold values is generally good from hole to hole, both along strike and in cross section.

In 2016, the Property was optioned to Eureka Dome Gold Inc. (name changed to Four Nines Gold Inc.) ("Four Nines"). In 2016 Four Nines completed a program of mapping, prospecting, review of select core and evaluation of the main showings (Pautler 2016), and five trenches totaling 734 metres. In 2017, Four Nines completed 15 additional trenches at Hackly (trenches 4 to 7), Skookum Main (trenches 1 to 5 and 8 to 12) and Skookum West (trenches 13 to 15). The Property was returned to Pacific Ridge early in 2019.

During the 2019 field season, supported by YMEP 19-039, Pacific Ridge completed a program of mapping of the Four Nines trenches, which hadn't been previously mapped, sampling of previously unsampled portions of the Four Nines trenches and some additional surface prospecting and sampling in the Hackly area. The Company also completed some additional sampling of Pacific Ridge's 2012 trenches. The work entailed 13 man-days and included mapping 18 trenches, with 53samples for assay

collected from the trenches and 11surface grab samples. Total expenditures of this program amounted to $19,667.87.

INTRODUCTION

The Mariposa Property (the "Property") was acquired in September 2009, by way of an option agreement with the Tintina Syndicate that, granted Pacific Ridge the right to earn a 100% interest in the Property subject to a 2% NSR through making cash and shares payments. With the success of the 2010 YMIP supported exploration program, Pacific Ridge expanded the property to comprise 967 claims covering a 30 x 10 km area, or approximately 265 km^2. The Property, now comprising 1,311 claims, is located 120 kilometres southeast of Dawson City, Yukon. It is also 15 kilometres southeast of the Underworld/Kinross White Gold discovery and 12 kilometres east-northeast of Newmont Goldcorp's Coffee property. The Property lies within a regional major northwest trending structural corridor which hosts numerous gold and copper deposits.

The local geological setting of the Mariposa Property is similar to the White Gold and Coffee properties in terms of the host lithologies, the structural controls and brittle style of deformation and the style of gold mineralization. Prior exploration identified an open-ended 7 kilometres long horizon of altered sulphide bearing quartz mica schist in the Skookum Zone area of the Property. This unit is locally flanked by intrusive and mafic rock units, a setting favorable for hosting a gold-mineralizing system.

In this area, prior geochemical soil sampling at the western exposed end of the quartz-mica schist has defined an open ended, two-kilometer-long gold-in-soil anomaly containing values above 20 ppb gold and ranging up to 1300 ppb gold. Additional soil sampling by Tintina also outlined a second open-ended gold target, measuring a kilometer square and overlying nearby intrusive rocks. Samples collected from bedrock exposed by placer mining along Scroggie Creek have returned gold values up to 3 gpt from sulphide-bearing rocks.

The major streams draining the Property are known to contain placer gold, of which Scroggie Creek has had over 100 years of placer gold production which continues today. The placer miners recovered rough, pristine gold nuggets ("hackly gold") near the headwaters of Mariposa Creek. This suggests the presence of nearby lode gold sources.

The Property has undergone sporadic prospecting efforts over the years looking for the bedrock source of the placer gold. However, it is only during the past 12 years that a sustained exploration effort has been carried out, including ridge and spur prospecting and geochemical sampling (rock, soil and silt) and, more recently with several localized soil grids throughout the claims.

A comprehensive, $6 million exploration program by Pacific Ridge, including 8,450 m of core drilling in 65 holes, resulted in the discovery of a number of significant gold mineralized zones over a 5 by 12 km area. The best intersection was in drill hole 11MP-01 in the Skookum Main zone that encountered 2.44 gpt Au over 38.9 m, including 6.51 gpt Au over 3.2 m. Subsequent sampling and structural interpretation suggest that this intersection remained open along strike. The 2015 program, utilizing a track portable rotary air blast (RAB) drill from Ground Truth Exploration of Dawson was designed with close spaced holes to test the potential strike extension of this zone, to a depth of approximately 30 m, along an ENE-WSW (60^o) trend.

The 2019 exploration program consisted of twelve man-days of trench mapping, sampling and minor prospecting by Morgan Fraughton and Jean Pautler, P. Geo., from July 4 to 9, 2019. Room and board were obtained at BCM Gold's placer camp on Scroggie Creek. Access was obtained by a fixed wing aircraft, using

Great River Air, from Dawson City airport to the Scroggie airstrip. Due to smoke conditions during demobilization, a Trans North helicopter from Thistle Creek was utilized to depart Scroggie and meet the fixed wing from Dawson City at the Black Hills airstrip further north. Subsequently, On September 26, 2019, Jean Pautler spent a day on the Property to examine some the higher-grade portions of the 2012 trenches and to evaluate the requirements for reclaiming these trenches. The work entailed 13 man-days and included mapping 18 trenches, with 53 samples for assay collected from the trenches and 11 surface grab samples.

The 2019 program was supported by YMEP 19-039. The total expenditures were $19,667.87.

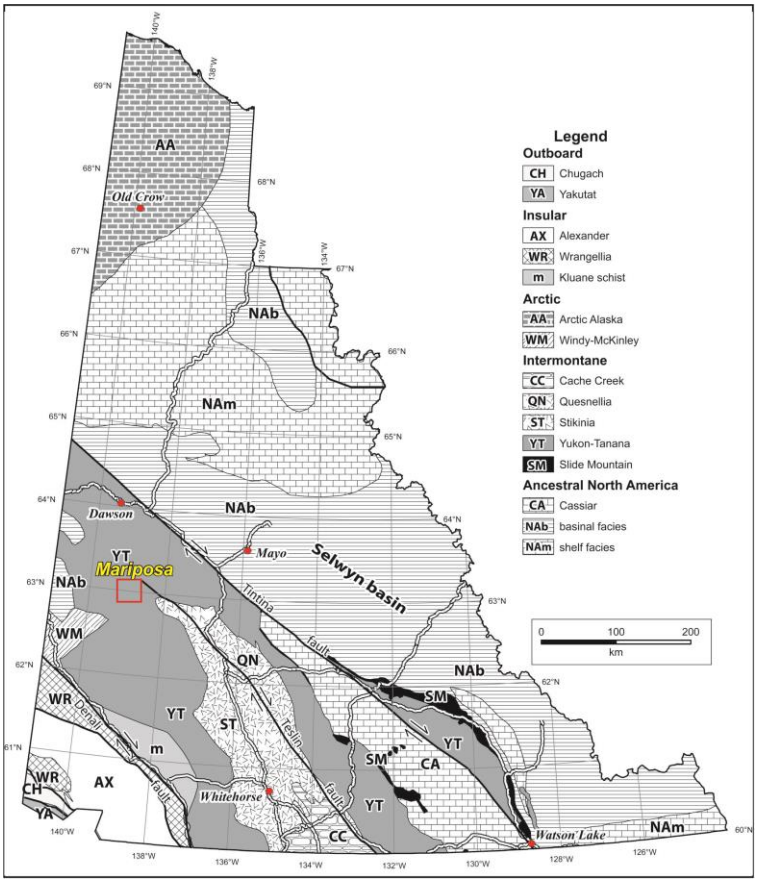

Figure 1. Yukon Location Sketch.

LOCATION, ACCESS AND PHYSIOGRAPHY

The Mariposa Property is located 120 km south of Dawson City, Yukon, and is within four 1:50,000 NTS topographic map sheets: 115O/1 & 2, 110J/15 &16 (Figure 1). The property is accessible by helicopter or fixed-wing aircraft from Dawson City or Whitehorse, to a 750 m airstrip located within the Scroggie Creek valley, in the west-central portion of the Property. The Property is also accessible in summer by ATV from Pelly Farm on the north side of Pelly River, 40 km west of Pelly Crossing, a total distance of approximately 70 km. Within the Property, access by ATV is possible along existing placer mining roads which flank Scroggie and Mariposa Creeks. More distant parts of the Property are accessed by helicopter.

For the current program, access was obtained by a fixed wing aircraft, using Great River Air, from Dawson City airport to the Scroggie airstrip. Due to smoke conditions during demobilization, a Trans North helicopter from Thistle Creek was utilized to exit Scroggie and meet the fixed wing from Dawson City at the Black Hills airstrip further north.

The property lies within an unglaciated portion of the Yukon Plateau. The topography is moderate, with low sinuous plateaus cut by narrow valleys and creeks that drain into the broader flat-bottomed valleys of Scroggie and Mariposa Creeks. These drainages are lined with gravels of past and present placer mining workings. Elevations in the area range from 900 m to 1150 m above sea level. Spruce and poplar trees are found on south-facing slopes while the north-facing slopes are sparsely treed with dwarf spruce. Permafrost is intermittent and is limited to north-facing slopes and valley bottoms. Much of the property was burned during a 2009 forest fire.

There is less than 5% outcrop exposed on the property. In the areas of drilling, overburden in the Mariposa Grid area has been shown to range from 2 to 6 m in depth. Much of the central Yukon is covered by a thin blanket of volcanic ash and tephra that resulted from recent eruptions in Alaska.

CLAIM STATUS

The Mariposa Property consists of 1,311 quartz claims within the Dawson Mining District (the "Property"). The claims are owned 100% by Pacific Ridge and are subject to a 2% Net Smelter Royalty. The claims are shown in Figure 2 and a full list of claims is included in Appendix I. The claims on which assessment for 2019 is being applied are shown below in Table I and in Figure 3.

Table i. Mariposa Claims for 2019 Assessment – Group A

Grant No.		Name		Grant No.		Name
From	To			From	To	
YC20192	YC20203	Rum Run 21-32		YD08171		Gertie 31
YC20205		Rum Run 34		YD08173		Gertie 33
YC20207		Rum Run 36		YD08175		Gertie 35
YC20209		Rum Run 38		YD08177		Gertie 37
YC20211		Rum Run 40		YD08179		Gertie 39
YC20214		Rum Run 43		YD08181		Gertie 41
YC20216		Rum Run 45		YD12601	YD12611	Toluamide 65-75
YC20218		Rum Run 47		YD12621	YD12630	Toluamide 85-94
YC20220		Rum Run 49		YD12672		Toluamide 136
YC20222	YC20227	Rum Run 53-58		YD12673	YD12674	Toluamide 137-138
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YD08145	YD08156	Gertie 5-16		YD64218		Lot 2
YD08169		Gertie 29		YD64281		Lot 1

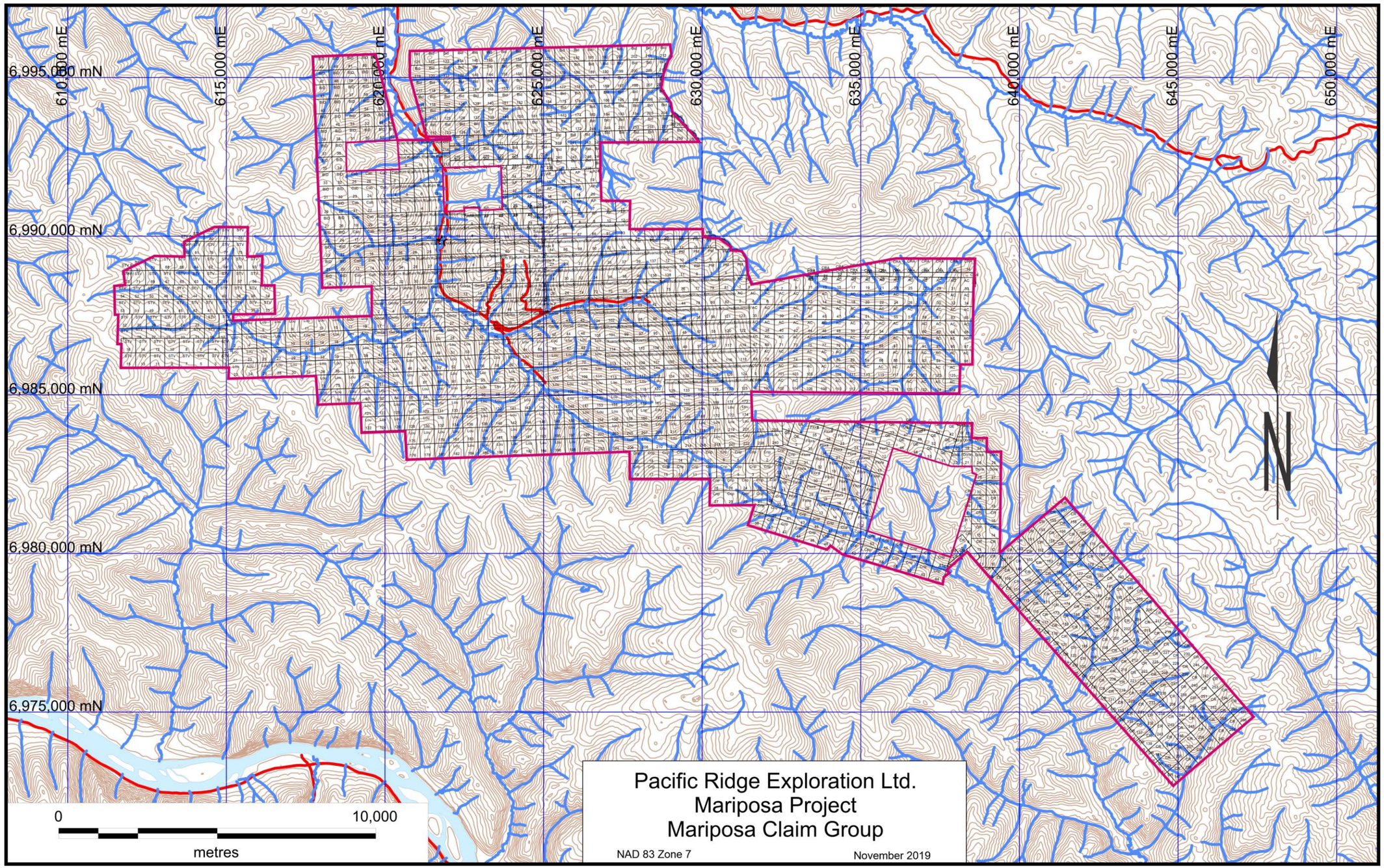

Figure 2. Mariposa Property Claim Map.

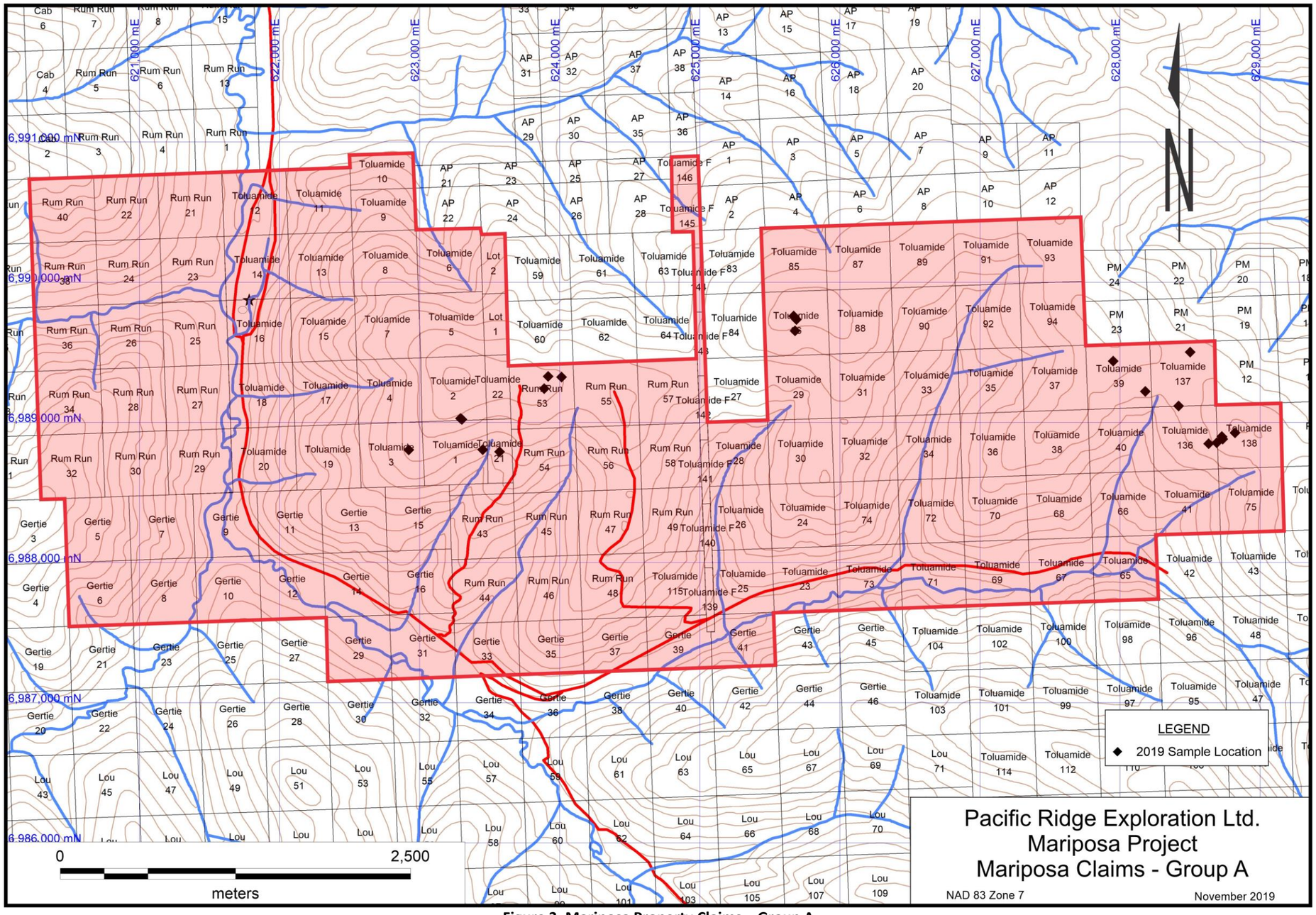

Figure 3. Mariposa Property Claims – Group A

PROPERTY HISTORY

The history of gold exploration within the Property dates to 1898, when gold was first discovered in Scroggie and Mariposa Creeks. The first mechanized mining began in the mid 1950's, while large scale mechanized mining began in 1980 and has continued uninterrupted up until the present. It has been estimated that approximately 100,000 ounces of gold with a fineness of 905 has been produced from Mariposa and Scroggie Creeks (Richards, 2005).

The first lode gold exploration in the area was reported in 1917, when claims were staked over a reported quartz vein occurrence in the area of the Mariposa Creek placer workings in the general vicinity of the current Skookum Jim anomaly.

In 1971 and 1972, Silver Standard Mines Limited and American Smelting & Refining Company prospected a copper-molybdenum porphyry occurrence in the Scroggie Creek area (McMichael, 1973), located south of Scroggie Creek and just outside the Property boundary. Sparse mineralization observed related to a siliceous, medium-grained quartz-feldspar porphyry included finely disseminated chalcopyrite and pyrite. Finely disseminated molybdenite occurs as quartz vein fracture coatings in a quartz-rich breccia, approximately 130 m wide and unknown strike length. Soil sampling outlined a 1,000 m by 300 m plus 100 ppm Cu anomaly and a coincident 1,000 m by 250 plus 60 ppm Mo anomaly. McMichael concluded that Mo appeared to be the primary metal of interest in the system.

In 1980, Amax of Canada Limited (Booth et. al., 1980) completed additional soil sampling and confirmed the Cu-Mo soil anomaly and completed an IP geophysical survey which outlined a weak (1% sulphide content) chargeability anomaly beneath the soil anomaly. In addition to the Cu and Mo mineralization, one speck of native gold was observed in a schist specimen. Gold in soils was typically low, 10 ppb (detection limit), with a few samples in the 30 to 40 ppb range.

In 1986, Kerr Addison Mines Ltd. staked the SIZZLER showing, now within a third-party claim inside the eastern portion of the Mariposa property. The area of interest includes quartz stringers, stringer stockworks and silicified breccias over a 1.7 km diameter area (Pautler, 1986). Soil geochemistry failed to locate a significant gold anomaly, but two rock samples from the southwest margin of the silicified area assayed 1,050 and 400 ppb Au.

In 1986, Doron Exploration Inc. staked the Pyroxene Mountain claims, located just to the north of the Mariposa property (Wallis, 1987). The property was acquired in order to examine the potential for platinum group mineralization associated with the ultramafic rock units that underlie Pyroxene Mountain. Previous workers had noticed that placer gold in creeks with their headwaters on Pyroxene Mountain contained appreciable amounts of platinum group minerals. Work in 1987 (Waugh, 1988) included the collection of 1596 soil samples and 22 rock samples along 101 km of survey line. The survey outlined two Pt-Pd soil anomalies as well as several other single point anomalies and one rock sample that assayed 0.444 opt Au.

In 1987, Ron McPhee staked the Wine and Fish claims, located within the current Property boundary, along the north side of Scroggie and Mariposa Creeks and in the area of Pacific Ridge's Skookum Jim anomaly (Minfile 115O-075). Initial exploration work defined a weak gold in soils anomaly north of upper Mariposa Creek.

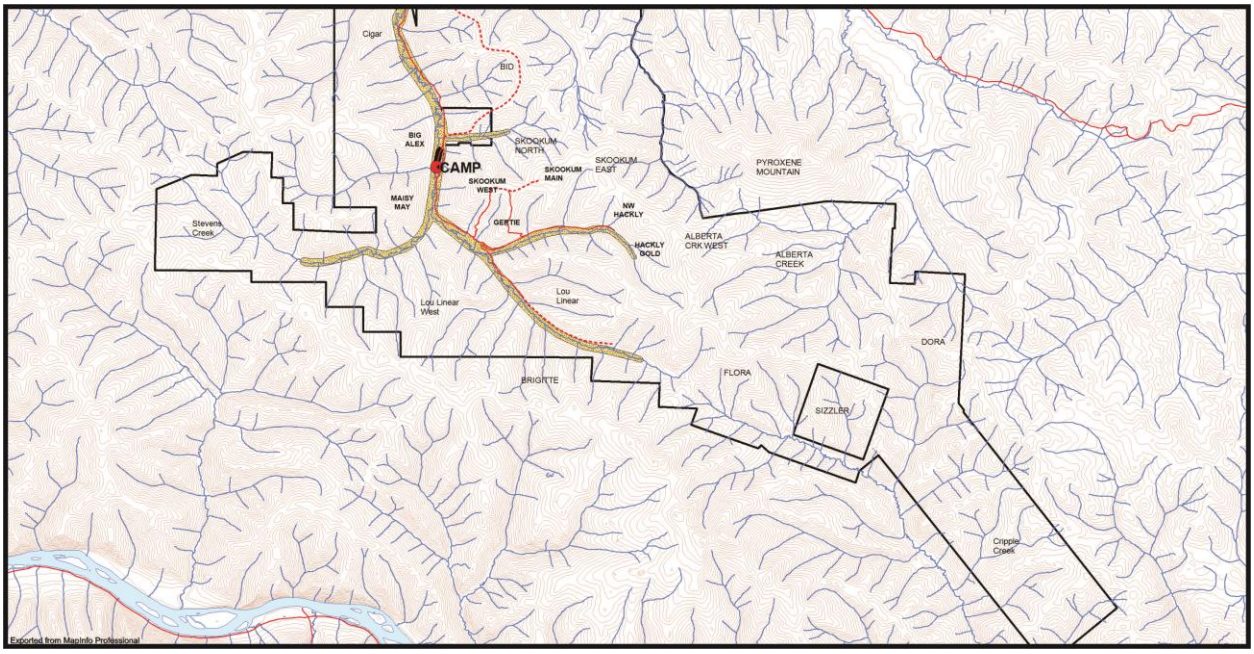

Figure 4. Mariposa Property showing historical placer workings and main target areas.

In 1988, D. Waugh (1989) completed a program of prospecting and the collection of 174 rock samples on the Fish and Wine claims. Most of the work was completed on the Fish 94 claim in an area at the intersection of two structural lineaments. Assay results were disappointing, mostly below 30 ppb, with the exception of three samples that ran 3.1 gpt, 2.6 gpt and 2.0 gpt Au.

During the 1988 placer mining season, Richards (2005) reports that mining cuts along Scroggie Creek downstream from Stevens Creek yielded abundant arsenopyrite crystals in the sluice concentrates over about 300 meters of workings. No source for the arsenopyrite was ever found during the course of excavation for placer mining.

Richards (2005) also reports that in 1990 a black sand sluice concentrate, containing coarse gold, was anomalous for several elements including Au, Ag, Bi, Pb, W and Sn. He concluded that this suite of elements could be indicative of an intrusion-related gold deposit. Pt and Pd values were also anomalous.

In 1990, Ron McPhee carried out an additional work program on the Irish and Kip claims on Pyroxene Mountain (Richards, 1991). The work included a VLF-EM survey and soil sampling. The soils were moderately anomalous in Cr, Ni and Cu. A VLF was defined conductor that correlates with a significant linear magnetic anomaly, interpreted to be caused by massive magnetite, conductive sulphides or serpentinization.

In 1996, Newmont Exploration Limited completed a one-day property examination of the Bos and Stock claims on Pyroxene Mountain (Stammers, 1996). The examination was carried out in the area of the previous best results. However, these results could not be duplicated.

In 1999, Shawn Ryan staked the Scroggie 1-16 claims, along the east side of Scroggie Creek adjacent to the Rum Run claim group and completed a program of prospecting and sampling. Ryan reported two

anomalous silt samples of 77 ppb and 378 ppb, the latter near an occurrence of pegmatite. In 2000, Ryan added the Scroggie 17-24 claims.

Gordon Richards began prospecting the area in 1999 and staked the RUM RUN 1-20 quartz claims. In June 2000, Richards added the RUM RUN 21-50 and 53-59 claims. Initial work involved prospecting and limited soil sampling (Richards, 2001). The Pegmatite Zone, along Scroggie Creek on the Rum Run 1-20 claims, is defined by a gold-in-soil anomaly approximately 1 km in diameter, with associated moderate anomalies of Mo, Pb and Sb. Rock outcrops with anomalous gold values, up to 3,020 ppb, are associated with quartz stockwork in pegmatitic units. In July and August 2001, he completed a program of geochemical sampling, including 95 soils, 15 rock chips and 4 silt samples, mapping and a VLF–EM geophysical survey in an effort to locate the Scroggie fault.

During 2000, Morgan (2001) completed prospecting and geochemical sampling (11 soils, 5 rocks and 4 stream sediments) on the Wolf 1-42 and Pyrex 1-4 claims, adjoining the Rum Run claims along Scroggie Creek to the east. The highest gold value, from a soil sample, was 111 ppb Au.

Richards (2004) reported that in 2001, gold-quartz pebbles with angular gold were obtained from a localized area of placer workings along Scroggie Creek, with a gold-in soil anomaly identified on the slope above this occurrence. He believed that this occurrence could indicate the possible importance of the Scroggie Fault or related splays in controlling bedrock gold mineralization. However, no bedrock gold source has yet been found in this area.

In July and August of 2003 Richards (2004) completed magnetometer surveys and limited geochemical sampling over the Pegmatite, QMS and East Zones. The magnetic surveys over the Pegmatite and QMS zones were generally featureless. Over the East Zone, linear highs trending southwesterly probably reflect mafic layers, parallel to the metamorphic foliation.

In 2005, Richards completed a magnetometer survey near the south end of the Scroggie airstrip and another magnetic survey on the east side of the property (Richards, 2005; Richards 2005 YMIP). The purpose of the surveys was to fill in areas between previous surveys in an effort to tie down the location of the Scroggie Fault. Richards suggests that a weak magnetic low along Scroggie Creek could be related to the fault. A strong mag high is associated with the contact between metamorphic rocks and the younger granodiorite. In addition, 8.5 km of VLF-EM surveying was carried out along 200 m spaced lines. No significant anomalies were detected.

In 2005, Richards (2006A) completed a program of mapping, sampling and a magnetometer survey on his East Zone. Of 42 soil samples collected, only a weak gold anomaly was defined with associated Bi-Pb-Te-As-Ag values. The magnetic survey detected linear trends reflecting compositional layering in metamorphic rocks.

During the 2006 field season, Richards completed an orientation mobile metal ion (“MMI”) soil survey along selected lines throughout the property and dug a tractor trench along Scroggie Creek. Initial results from the MMI work were encouraging, with anomalous values in Au and Ag supported by anomalous Zn, Mo and Pb, providing more discrete targets than conventional soil sampling. The trenching failed to locate mineralization related to the Scroggie Fault. Much of this exploration work was completed with the assistance of YMIP grubstake and target evaluation grants (Richards, 2006B).

In 2008, Richards (2009) completed a program of bedrock sampling from recent mining cuts along Scroggie Creek and MMI sampling along the base of slope west of the mining cuts on the Cigar claims, contiguous with the north end of the Rum Run claim block. Pyrite and pyrrhotite were noted in many of the rock samples, along with minor disseminated chalcopyrite. The samples contained weakly anomalous values of Cu and Mo, but not Au. The MMI samples showed only a weak Cu anomaly. The zone of potential copper mineralization is open to the north.

In 2008 and 2009, Richards added the Toluamide claims to the claim group.

In 2009, Richards completed a program of geochemical soil sampling and rock sampling over selected areas within the Toluamide claim group. In September 2009, Richards optioned the Mariposa claim group, including 203 mineral claims, to Pacific Ridge.

Pacific Ridge's 2010 exploration program included prospecting, rock sampling, grid soil sampling and trenching in the area of the newly discovered Skookum Jim anomaly (now Skookum Main) and staked an additional 40 AP claims to the north. A total of 2,952 auger soil samples were collected. The survey defined a strong gold anomaly approximately 600 m by 1,100 with peak gold values to 1,570 ppb that was is open to the north and west. To the east of Skookum Jim, locally elevated gold results were detected in areas of sporadic permafrost. Soil samples in the Hackly Gold, Maisy May and Big Alex areas also returned elevated gold results. Five trenches were completed for a total of 1,605 m of trenches in the area of the Skookum Main zone.

Also, in 2010, with the assistance of a YMIP grant, Richards (2010) staked the 128 claim AC claim group in the Alberta Creek area and then carried out a geochemical survey, including 202 soil samples, two silt samples and 11 rock chip samples. Several of the soil samples reported moderately anomalous Au values (20 to 134 ppb) with supporting anomalous Mo, Pb, As and Sb. The claims were subsequently optioned to Pacific Ridge.

In April 2011, the Company completed a high-resolution aeromagnetic survey over the Skookum Zone and adjacent areas, in the west central part of the Property, by Precision GeoSurveys Inc. of Vancouver, BC, using a helicopter-mounted cesium vapor magnetometer (Fingler, 2011). A total of 900-line kilometers were flown along 100 metre spaced lines and 1000 metre spaced tie lines. The survey was successful in providing high resolution definition of both stratigraphy and structural discontinuities.

In June 2011, The Company added an additional 387 claims by staking, to bring the total to over 1400 claims covering 262 contiguous km^2.

In 2011, (Carlson, 2013) the program accelerated significantly with the collection of over 8,000 soil samples, ground and airborne magnetic surveys and the completion of 41 drill holes for 6,000 m. Drill highlights from the Skookum Main zone included 2.44 g/t Au over 38.9 m, 1.13 g/t Au over 19.8 m, 0.63 g/t Au over 45.3 m and 1.67 g/t Au over 12 m. Work continued in 2012, with an additional 3,500 soil samples, additional ground magnetics, 1,850 m of trenching in 16 trenches and 2,450 m of drilling in 14 core holes. Drill results from the 2011 and 2012 programs are summarized in Tables i and ii.

Table ii. 2011 Drill Highlights.

Hole	From	To	Width	Au	Zone
11MP-01	24.5	106.0	81.5	1.51	Skookum Main
includes	31.8	40.2	8.4	8.34	
includes	32.9	35.0	2.1	26.58	
and	204.0	213.6	9.6	2.59	
11MP-04	4.0	8.9	4.9	1.46	Skookum Main
11MP-05	3.1	22.9	19.8	1.13	Skookum Main
11MP-08	182.7	198.9	16.3	1.40	Skookum Main
includes	213.5	222.7	9.2	1.39	
11MP-09	21.1	22.5	1.4	2.24	Skookum Main
and	73.0	74.1	1.1	1.87	
and	85.0	86.5	1.5	1.60	
11MP-11	17.0	19.1	2.1	1.69	Skookum West
11MP-12	23.4	24.9	1.5	1.32	Skookum West
11MP-15	6.5	8.1	1.6	1.48	Maisy May
and	82.5	84.0	1.5	1.28	
11MP-22	138.3	140.3	2.0	1.32	Skookum Main
11MP-24	3.1	7.5	4.5	1.08	Skookum Main
includes	3.1	4.5	1.5	2.80	
and	79.0	80.5	1.5	1.26	
11MP-25	48.0	51.3	3.3	1.56	Skookum Main
11MP-27	23.5	24.5	1.0	1.67	Skookum Main
and	77.6	79.0	1.4	1.31	
and	101.3	102.4	1.1	1.29	
and	134.0	138.7	4.7	1.93	
11MP-28	24.5	26.5	2.0	1.52	Skookum Main
11MP-30	25.0	30.0	5.0	1.58	Skookum Main
11MP-31	24.5	28.0	3.5	0.98	Skookum West
includes	24.5	26.0	1.5	1.65	
11MP-33	46.0	47.2	1.3	3.74	Skookum West
11MP-34	85.6	86.9	1.3	2.00	Skookum West

Table iii. 2012 Drilling Highlights.

Hole	From	To	Width	Au	Target
12MP-01	17.90	18.40	0.50	2.15	Skookum Main
and	90.00	92.50	2.50	1.22	
and	144.80	146.30	1.50	1.43	
12MP03A	32.30	37.50	5.20	1.06	Skookum Main
and	141.40	142.20	0.80	1.30	
and	154.10	162.00	7.90	1.47	
includes	159.50	162.00	2.50	3.14	
and	204.00	206.80	2.80	4.76	
12MP-04	138.34	138.81	0.47	6.77	Skookum Main
and	162.28	162.62	0.34	13.01	
and	182.55	183.00	0.45	6.41	
12MP-05	92.60	96.00	3.40	1.37	Skookum Main
12MP-12	27.60	33.00	5.40	1.61	Big Alex
12MP-06	68.80	70.10	1.30	5.85	Skookum Main
and	92.36	95.00	2.64	2.04	
and	116.70	119.31	2.61	1.36	
12MP-08	29.50	31.00	1.50	1.31	Skookum Main
12MP-09	79.85	80.66	0.81	1.57	Skookum Main
12MP-10	26.40	27.00	0.60	1.53	Skookum Main
and	64.80	79.50	14.70	1.40	
includes	66.70	72.35	5.65	2.17	
and	168.00	168.51	0.51	1.11	
12MP-12	27.60	29.40	1.80	4.10	
12MP-13	42.80	48.00	5.20	1.64	Big Alex
12MP-14	37.50	39.00	1.50	1.43	Big Alex
and	46.00	47.20	1.20	1.29	

In 2013, a small program of soil sampling, with the collection of 134 samples in a gap within the Alberta Creek anomaly, was followed by a high-resolution IP/resistivity survey and a deep penetrating Geoprobe soil survey over the Skookum and Alberta Creek targets (Carlson, 2014). This work was supported by YMIP grant 13-074. Results from this program led to the recommendation for a RAB drill program to test

In 2015, Pacific Ridge completed a RAB drill program of 655.3m in 12 holes over a 125m strike length on the Skookum Main showing. This drilling confirmed a 060-070°55°SE trend to mineralization (Carlson, 2015). The most significant results were 0.619 g/t Au over the entire 41.15m in 15MPR-11, 0.841 g/t Au over 28.96m in hole 15MPR-07, and 0.586 g/t Au over 24.38m in hole 15MPR-10 (Carlson, 2015).

In 2016, the Property was optioned to Eureka Dome Gold Inc. (name changed to Four Nines Gold Inc.) ("Four Nines"). In 2016 Four Nines completed a program of mapping, prospecting, review of select core and evaluation of the main showings (Pautler 2016), producing a property geology map. A sample

containing 102.9 g/t Au was collected from quartz vein float with galena, similar to the Hackly breccia mineralization, near upper Mariposa Creek. Five new trenches totaling 734 m) were excavated and sampled; two on the Hackly target and three on the Skookum West target. Summary results are shown in the table below.

Table iv. Four Nines 2016 Trensh Sample Highlights

2016 Trench No.	From(m)	To (m)	Length (m)	Au (g/t)	Zone
TR16-01	55	110	55	0.42	Hackly Breccia
includes	65	110	45	0.49	
includes	75	85	10	1.1	
TR16-02	105	130	25	0.16	Hackly Breccia
includes	125	130 end	5	0.36	
grab	129	129	grab	2.87	
TR16-03	20	40	20	0.38	Skookum West
includes	25	35	10	0.57	
grab	32	32	grab	10	
TR16-04	25	45	20	0.6	Skookum West
includes	35	40	5	1.64	
grab	33	33	grab	1.91	
TR16-05	0	105	105	0.11	Skookum West
includes	45	50	5	0.5	

In 2017, Four Nines completed 15 additional trenches at Hackly (trenches 4 to 7), Skookum Main (trenches 1 to 5 and 8 to 12) and Skookum West (trenches 13 to 15). The focus of the trenching was to create deeper bedrock exposure, to better define controls on mineralization and trends of mineralization. Summary results are shown in the table below.

Table v. Four Nines 2017 Trench Sample Highlights.

2017 Trench No.	From (m)	To (m)	Length (m)	Au (g/t)	Zone
TR17-01	19.5	45	25.5	0.47	Skookum Main
including	36	45	6	1.39	Skookum Main
TR17-01	75	79	4.5	1.61	Skookum Main
TR17-02	43.5	54	10.5	0.88	Skookum Main
TR17 - 02	69	75	6	0.8	Skookum Main
TR17-06	0	4.5	4.5	0.6	Skookum Main
TR17-08	27	30	3	0.88	Skookum Main
TR17-08	34.5	40	10.5	0.82	Skookum Main
TR17–11B	0	7.5	7.5	1.05	Skookum Main
TR17-13	4.5	9	4.5	1.68	Skookum West

REGIONAL GEOLOGY

The Property is located within the central Dawson Range, southwest-central Yukon, where it forms part of a regionally extensive, northwest-southeast trending polymetallic mineral belt associated with Early Jurassic to latest Cretaceous magmatism.

The Property lies entirely within the Yukon-Tanana Terrane (YTT), an accreted terrane separated from the Selwyn Basin and associated carbonate platforms strata of the ancestral North American margin by the NW-SE trending Tintina Fault. The NW-SE trending Denali or Shakwak Fault, located approximately 190 km to the southwest, forms the southwestern boundary of the YTT (Gordey and Makepeace, 1999).

The YTT consists of a belt of Late Devonian to Late Permian metamorphic rocks, including various metasedimentary and metavolcanic assemblages, and up to four distinct suites of calc-alkaline metaplutonic rocks (Mortensen, 1992; Colpron et al., 2006). In the Dawson Range, the YTT typically includes intercalated packages of metasedimentary and metavolcanic rock sequences predominantly composed of quartz-mica schist and diorite gneiss. The magmatic episodes are associated with penetrative deformation and metamorphic events ranging in age from late Paleozoic to Tertiary.

According to Colpron (2006), the Yukon Tanana Terrane consists of four unconformity-bounded tectonic assemblages: the basal siliciclastic Snowcap Assemblage, and three volcanic and volcaniclastic sequences including the Upper Devonian to Upper Mississippian Finlayson Assemblage, the Mid Mississippian to Lower Permian Klinit Assemblage and the Mid to Upper Permian Klondike Assemblage. A coeval oceanic sequence of chert, argillite and mafic volcanic rocks of the Slide Mountain Terrane is preserved discontinuously along the eastern margin of the YTT. A sequence of immature fine-grained clastic rocks and polymictic conglomerate of Permian to late Triassic age overlie the strata of the YTT and adjacent Slide Mountain Terrane, as well as the Selwyn basin to the east.

Plutonic rocks of the mid-Cretaceous Dawson Range batholith intrude the Yukon-Tanana terrane over vast areas and consist of large bodies of granodiorite and quartz monzonite, and smaller high-level felsic porphyry plugs and sills. The Property is underlain by one of the larger bodies of this unit.

Locally, narrow ultramafic units of unknown age have been emplaced along major structures within the Yukon-Tanana terrane. Pyroxene Mountain, located immediately to the northeast of the Property, is cored by this ultramafic unit.

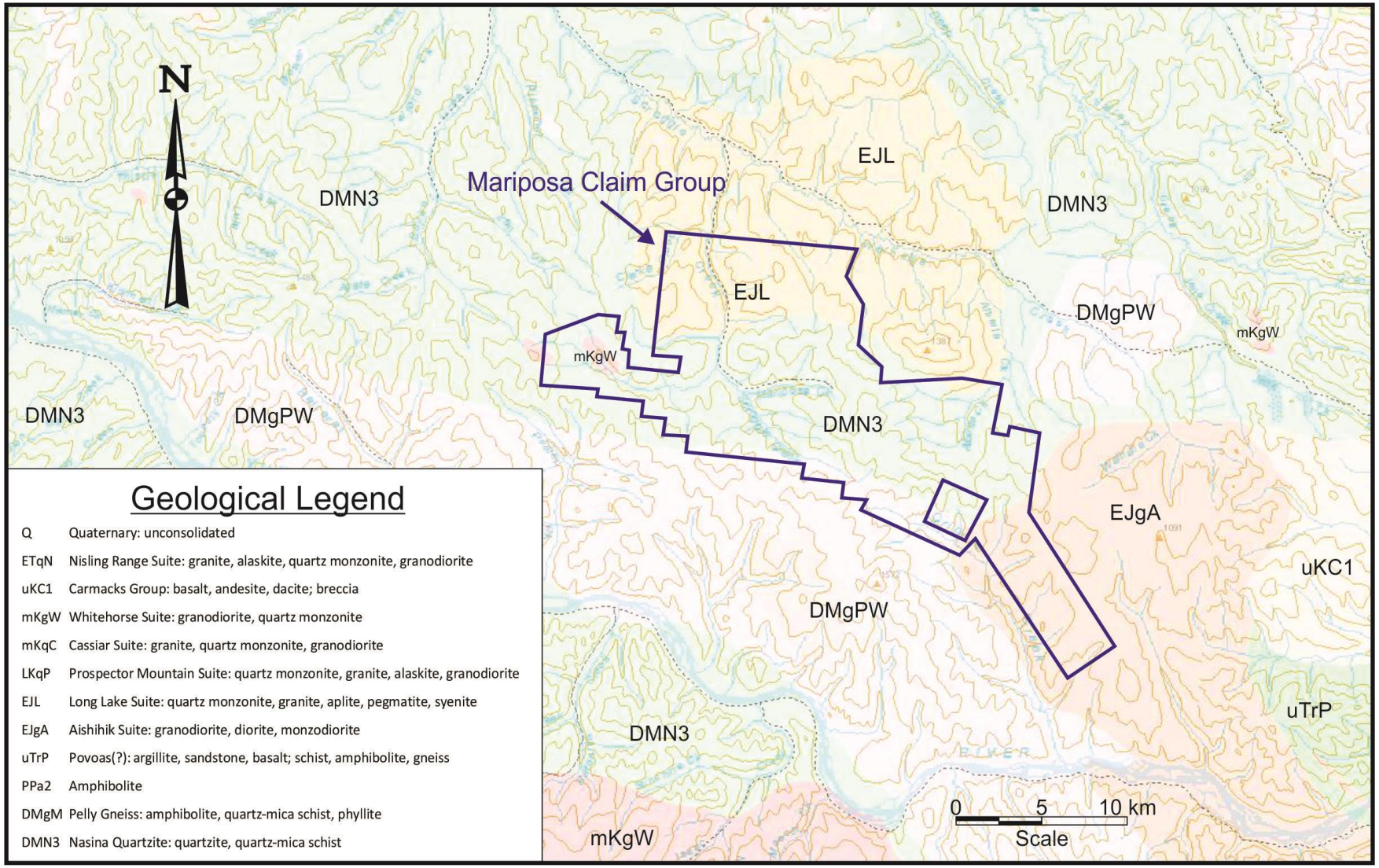

Figure 5. Mariposa property regional geology.

PROPERTY GEOLOGY

The Mariposa property is located 120km south of Dawson City and 315km northwest of Whitehorse (Fig. 5). The property lies within the central Dawson Range, SW central Yukon, where it forms part of the regionally extensive, NW-SE trending polymetallic mineral belt associated with Early Jurassic to latest Cretaceous magmatism.

The Mariposa property, which occurs entirely within the Yukon-Tanana terrane, is underlain by a polydeformed sequence of Permian through to Jurassic age metasedimentary and metaplutonic rocks that have been intruded by (i) discontinuous bodies of mafic – ultramafic intrusions, (ii) Cretaceous quartz monzonite and granite intrusions, and (iii) feldspar porphyry dykes and small intrusive plugs. The Permian – Jurassic rocks are considered to be 'basement' and host gold mineralization on the Mariposa property where they form a NW-striking, variably NE-dipping homoclinal sequence. Polyphase ductile deformation is responsible for the intercalation of Permian gneiss and schist packages of diverse compositions, in addition to foliation development within Jurassic intrusions that occur within the basement terrain. Metamorphism associated with ductile deformation attained at least mid- Amphibolite facies as evidenced by the kyanite-muscovite $\pm$ garnet, $\pm$ magnetite $\pm$ staurolite assemblage that has been reported on both sides of Scroggie Creek at the south end of the airstrip (Richards, 2005). At least two episodes of brittle faulting have been observed to post-date the ductile deformation on the Mariposa property, the older of the two brittle events is associated with gold mineralization. A geological map with significant gold zones for the Mariposa property is presented in Figure 6. The map represents integration of field traverses by Pacific Ridge Exploration Ltd. staff in the Skookum West and Skookum Main zones, historical mapping by Gordon Richards (property vendor), fault and lineament interpretations derived from high resolution aeromagnetic data flown for the property and available regional government geological mapping.

Devono – Mississippian Basement

Several schist and gneiss units have been mapped on the Mariposa property where they form part of the Devono – Mississippian Yukon-Tanana terrane basement. Mappable units of surface and recognized in drill core include:

- Mafic-intermediate hornblende gneiss – Compositionally banded gneiss package varying from locally ultramafic (hornblendite) to pegmatitic granitic-granodioritic horizons. The mafic-intermediate gneiss package is transitional into a banded quartz diorite gneiss.

- Banded quartz diorite gneiss is comprised cm-scale layered felsic, intermediate and mafic (biotite-rich) intervals but is often dominated by the presence of a moderately foliated quartz-diorite (McIntosh, 2012). Locally, narrow bands of fine (≤ 2 mm) pink garnets have been noted in unit and mafic bands may show (sometimes intense) epidote alteration ± secondary biotite and minor chalcopyrite (McIntosh, 2012).

- Granodioritic biotite gneiss is characterized by textures that vary from gneissose to weak to moderately foliated and is a medium grained, leucocratic rock. The granodioritic gneiss is intimately interleaved with biotite rich mafic-intermediate hornblende gneiss unit. The

granodiorite often exhibits distinctive sericite alteration clots when in the sericite alteration zone (McIntosh, 2012).

- Biotite Gneiss - Strongly foliated, melanocratic, fine-grained biotite-rich unit with variable biotite content but 40% - 50% is common. Biotite gneiss is often banded, with leucocratic units of foliated granodiorite.

- Granitic gneiss

- Felsic gneiss – quartz-sericite+/- talc gneiss unit exhibiting granoblastic textures and locally hosting early stage chalcopyrite-pyrite mineralization. The bleached colour of the gneiss package distinguishes it from other gneisses on the property.

- Quartz-muscovite-garnet schist – Strongly foliated, silvery- grey quartz muscovite schist with garnet porphyroblasts up to 2cm in diameter. This schist unit occurs immediate south of the Skookum West target and is associated with multi-element soil anomalies

- Marble – occurs as discontinuous lenses within felsic gneiss in the Alberta Creek target area

Of these map units, the granodioritic biotite gneiss to foliated biotite granodiorite represents the most important host lithology for gold mineralization.

Jurassic Intrusives

Jurassic intrusive rocks occur north of the Skookum main and east of the Big Alex targets and vary from monzonitic to granitic in composition. Pegmatite is common and perthite is often observed. Jurassic intrusions are locally observed to cut Devono-Mississippian basement rocks; however, they have also undergone penetrative deformation and have variably developed mineral fabrics. These intrusions are not an important host to gold mineralization. A minor amount of gabbro variable to pyroxenite occurs at the eastern boundary of the property. The unit is continuous with exposures of ultramafic rocks that constitute Pyroxene Mountain. The age of this map unit is currently not known, however, weak to moderately developed mineral fabrics in the unit imply they pre-date at least some phase of ductile deformation.

Cretaceous and Younger Intrusives

Several small plugs of Cretaceous quartz monzonite to granodiorite are illustrated on the geological map of the Mariposa property, however their occurrence needs to be verified. Quartz feldspar porphyry dykes and small intrusive bodies are located towards the eastern end of the property, in close proximity to the Sizzler target. In the vicinity of the Sizzler target, a NNW-trending dyke swarm is locally associated with anomalous gold. Dykes occurring in the swarm range from fine-grained, equigranular dacite with 1-2% disseminated pyrite to localized rhyolitic breccia.

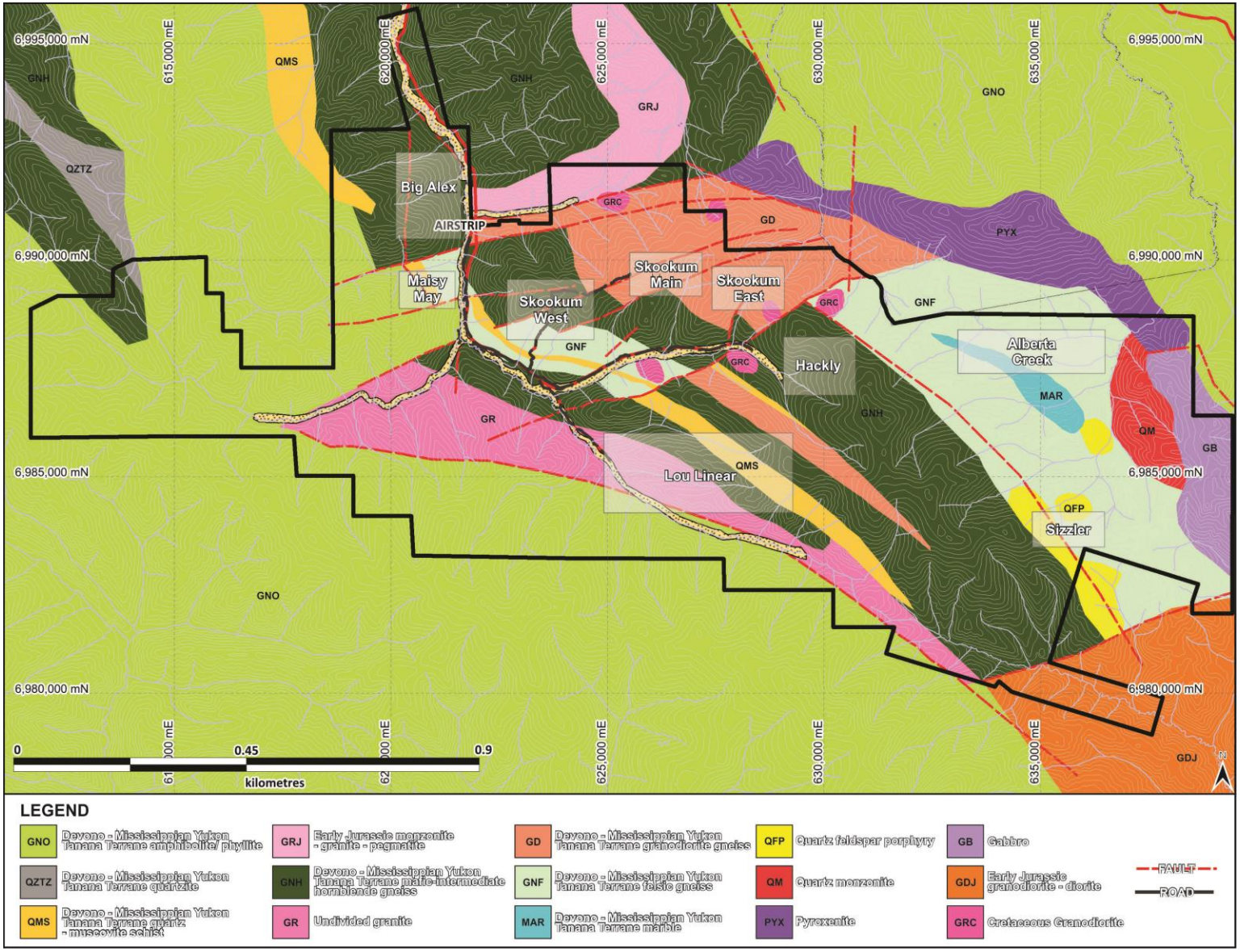

Figure 6. Mariposa property geology.

Structure

Ductile deformation of basement lithologies is expressed as planar and linear metamorphic mineral fabric alignment (both schist and gneissose lithological units), leucosome formation and alkali feldspar augen development in more porphyroclastic units. The general geometry of the metamorphic basement rocks consists of a NW-striking, variable NE dipping homoclinal sequence, which is readily identified in the high-resolution aeromagnetic data.

At least two episodes of brittle faulting are recognized to post-date ductile deformation on the Mariposa property, including an ENE-trending sinistral fault system associated with gold mineralization, and a NE to NNE striking fault set that may offset the mineralized structures. A more detailed examination of gold mineralizing structures in the Skookum West and Skookum Main zones indicates that two primary orientations of structures are present and include N- to NNW and E- to ENE trending fault structures. This geometry is replicated on the Coffee property and also within the Golden Saddle deposit. Brittle faults are expressed as fault breccia, gouge and cataclasite development associated with sericite-alkali feldspar-pyrite and quartz alteration.

2019 EXPLORATION PROGRAM

The 2019 exploration program on the Mariposa Project consisted of twelve man-days of trench mapping, sampling and prospecting by Morgan Fraughton and Jean Pautler, P. Geo., from July 4 to 9, 2019. Access from the Scroggie placer camp was obtained by ATV along existing access roads/trails. The main road up the hill from the Mariposa placer camp to the trenches required a few hours of clearing with a chain saw to allow for ATV access to the top of the hill due to blow down through the 2009 burn on the hillside. ATV rental was obtained from Aquila Mining at the Mariposa placer camp.

Table vi. 2012 Trench Locations.

Trench	From		To		Length (m)	Az (°)
	Easting	Northing	Easting	Northing		
SWTR12-2	622940	6988863	622975	6988776	99	160
SWTR12-3	623042	6988864	622919	6988799	142	245
SWTR12-4	623235	6989043	623251	6988999	46	160
SWTR12-5	623280	6989063	623303	6989017	58	160
SWTR12-6	623560	6988850	623566	6988757	100	180
SWTR12-7	623750	6988937	623798	6988830	122	157
SWTR12-8	624011	6989325	624016	6989304	24	165
SWTR-9	623845	6989340	623899	6989216	135	160
SWTR12-10	623705	6989275	623758	6989136	150	160
SWTR12-11	623454	6988848	623445	6988748	106	188
TOTAL					**982**	

Subsequently, On September 26, 2019, Jean Pautler spent a day on the Property to examine the higher-grade portions of the 2012 trenches and to evaluate the requirements for reclaiming these trenches. Access was via a fixed wing aircraft, using Great River Air, from Dawson City airport to the Scroggie airstrip. Seven samples were collected from a number of the 2012 trenches.

The locations of trenches from 2012 are shown in Table v while Table vi details the location of all trenches sampled and the number of samples from each trench.

Table vii. 2019 Summary of 2012 and 2017 trenches mapped and sampled.

Trench No.	Zone	Easting	Northing	Samples
TR12-03	Skookum West	622923	6988803	1
TR12-05	Skookum West	623293	6989027	1
TR12-05	Skookum West	623302	6989020	1
TR12-06	Skookum West	623571	6988790	1
TR12-08	Skookum West	624013	6989322	1
TR12-09	Skookum West	623889	6989241	1
TR12-11	Skookum West	623451	6988805	1
TR17-01	Skookum Main	625725	6989666	3
TR17-02	Skookum Main	625680	6989653	1
TR17-03	Anomaly C	627997	6989357	1
TR17-04	Hackly	628605	6988802	1
TR17-05	Hackly	628693	6988848	1
TR17-06	Hackly	628732	6988859	
TR17-07	Hackly	628769	6988842	
TR17-08	Skookum Main	625676	6989661	
TR17-09	Skookum Main	625742	6989687	6
TR17-10	Skookum Main	625708	6989753	11
TR17-10A	Skookum Main	625718	6989742	10
TR17-11A	Skookum Main	625633	6989720	
TR17-11B	Skookum Main	625637	6989722	
TR17-12	Skookum Main	625586	6989733	
TR17-13	Skookum West	624001	6989368	
TR17-14	Skookum West	623942	6989330	
TR17-15	Skookum West	623918	6989324	1
	Hackly float samples			11
			Total	**53**

Samples were collected in poly sample bags. Each bag was labelled with a unique 7-digit number and a tag bearing the same number was also inserted in the bag. Each sample site was marked with a similar tag tied by flagging tape to a nearby tree or bush. Samples were then collected in rice bags labelled with the hole number and sample sequence and each rice bag was sealed with uniquely numbered rice bag.

Samples from the July 2019 field work were sent to the Bureau Veritas preparation facility in Whitehorse, Yukon. Pulp samples were prepared in Whitehorse and then sent the BV facility in Vancouver for analysis. Samples were prepared using the PRP70-250 method which involves crushing the material to 2 mm and then splitting off and pulverizing up to 250 grams to 75 microns. The resulting pulp was analyzed by the AQ200 method, which involves dissolving 0.5 of material in a hot Aqua Regia solution and determining the concentration of 36 elements of the resulting analyte by the ICP-MS technique plus fire assay of a 30 g sample using method FA430.

Samples from the September 26, 2019 field work were sent to the ALS Minerals facility in Whitehorse, Yukon. Preparation was conducted on a larger sample size to adjust for the inhomogeneity of the mineralization; 90% was crushed to <2 mm and 500 g split, using method Prep-31H. The samples were analysed by fire assay for gold with an atomic absorption finish on a 30 g aliquot with method Au-AA-23 and multi-element analysis by inductively coupled plasma techniques with method ME-ICP-41.

Assay certificates are in Appendix II.

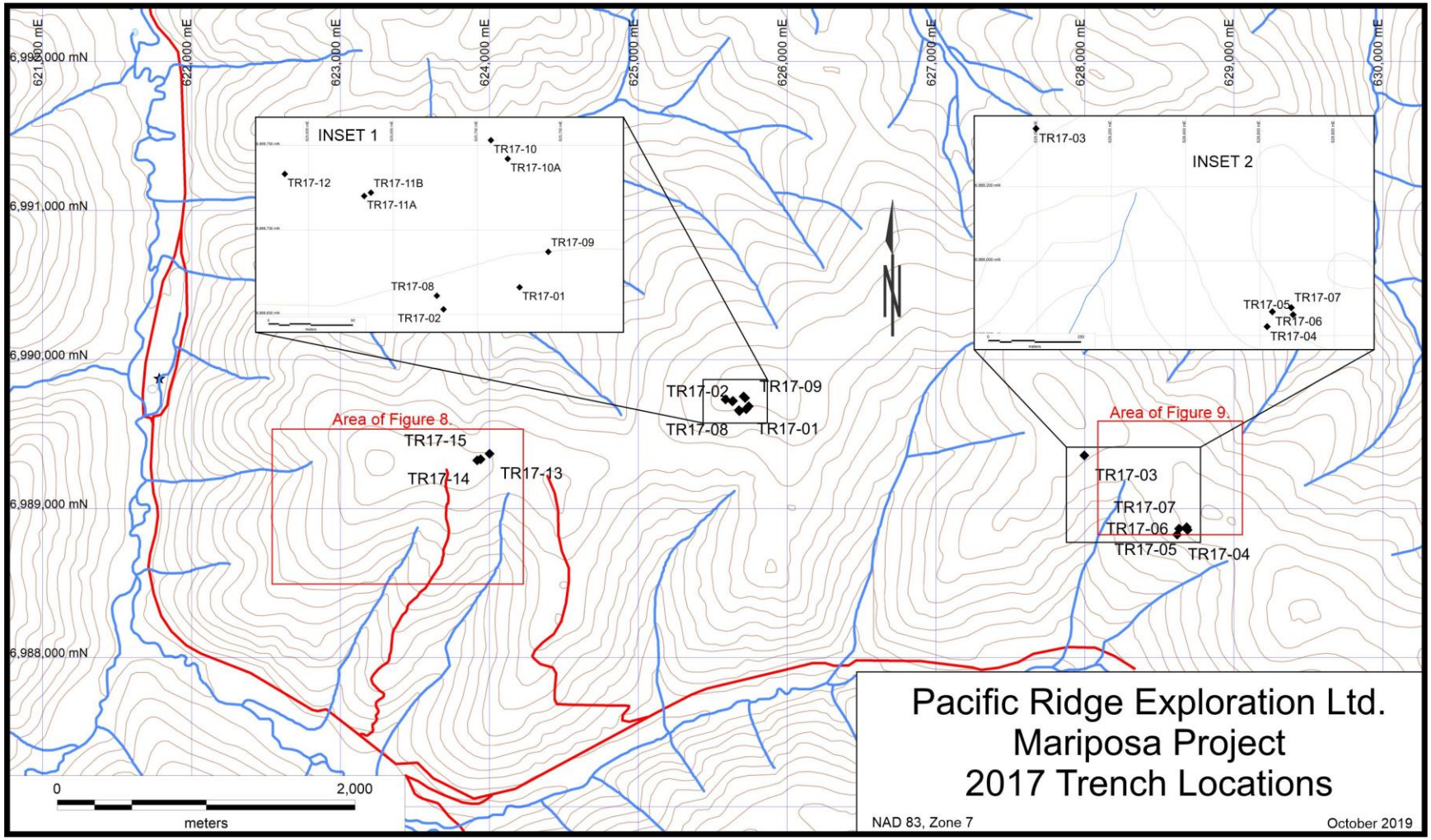

Figure 7. Trench location map.

Program Results

2012 Trench Mapping and Sampling

Jean Pautler (2019A) completed a one-day evaluation of the 2012 trenches and the requirements for their reclamation. The trenches were photographed to document their condition and to aid in assessing the reclamation procedure. The locations were confirmed (Table v) and seven grab samples were collected to aid in evaluating their potential. Sample descriptions and locations are shown in Table vii and Figures 6 and 7.

The following notes are quoted from Pautler (2019A), who observed that there was little detail to see in the 2012 trenches due to slumping.

*The anomalous intercept of 0.886 g/t Au over 20m, including 1.8 g/t Au over 5m, in **SWTR12-9**, with a proximal anomalous gold in Geoprobe value, occurs within stockwork veining with strong limonite fracture fillings and specular hematite at the augen gneiss/hornblende gneiss contact and lies approximately 150m at 240° from a quartz-ankerite vein exposed as 20 cm blocks in SWTR12-8 with abundant limonite fractures and minor chalcopyrite and pyrite. Elevated values were obtained between the two trenches in TR16-3 and in SWTR12-10 another 150 along strike to the SSW, although no significant results were obtained in TR16-4, located between SWTR12-9 and -10. Chalcopyrite also occurs within a vein in TR17-11 within the Main zone, trending 120°/72°S, and at the Hackly zone trending 080°/080-88°S.*

*The above vein system may continue through **SWTR-5** (630m at 240° from SWTR-9) where it returned 1.5 g/t Au over 4m. Mineralization is similar to that observed in SWTR12-9 with strong limonitic fractures and quartz stockwork. Specular hematite oxidized cubic pyrite and potassic haloes were also observed. Fractures measured within the trench suggest possible 070° and 080° trends, both dipping at 90°. The slight curvature of the vein may suggest an overall slight northerly dip and be missed by diamond drill holes 11MP-34 and -35. SWTR12-4 did not extend far enough to the south. The intercepts in SWTR12-2 (1.06 g/t Au over 10m) and -3 (0.7 g/t Au over 10m) lie 400 and 430m at 240° from SWTR12-5. DDH 11MP-36 and -38 were collared proximal to the vein. DDH MP-38 was drilled away from the vein and DDH 11MP-36 was almost sub-parallel to the vein and would have intersected it near the collar but within the 6.1m of casing.*

*The intercept in **SWTR12-11** (1.4 g/t Au over 40m) corresponds to an extensive zone of quartz veining. The trend here is unknown but could be 280-300°/N, which may explain the miss in DDH 11MP-33. Follow up detailed soils may help define the structure.*

*Elevated gold occurs further north in **SWTR12-9**, with a coincident anomalous gold in Geoprobe, along trend of a 3m wide quartz-ankerite vein system exposed in TR17-15, which continues another 30m to TR17-14, and possibly another 70m to TR17-13 (but the vein here may trend 120°/70SW°). Results from TR17-14 and -15 were <0.5 g/t Au, but TR17-13 yielded 1.68 g/t Au over 4.5m, including 4.05 g/t Au over 1.5m. The vein system may continue another 150m through to the start of **SWTR12-10** where 3-4 cm quartz pieces were exposed, but no anomalous gold values were obtained. The vein may continue to the north of SWTR12-10.*

Table viii. 2019 Rock Sampling from 2012 Trenches.

2019 09 26	*Rock Sample Descriptions*					*MARIPOSA PROJECT*				
SAMPLE	*GENERAL*	*NAD 83 Zone 7*		*ELEV.*			*Au*	*Ag*	*Pb*	*Cu*
NUMBER	*LOCATION*	*EASTING*	*NORTHING*	*(ft)*	*TYPE*	*DESCRIPTION*	*ppm*	*ppm*	*ppm*	*ppm*
1813285	*TR12-08*	*624013*	*6989322*	*3275*	*grab*	*quartz - ankerite vein float with limonite as fracture fillings and vuggy infilling, minor Mn fracture fillings, minor pyrite, chalcopyrite, malachite in quartz, some grey patches*	*3.940*	*1.6*	*1065*	*92*
1813286	*TR12-09*	*623889*	*6989241*	*3329*	*grab*	*silicified, sericite altered orthogneiss with strong quartz-limonite ±Mn fracture fillings, quartz veins to 1 cm and fine crosscutting quartz veinlets, dark limonite infilling vugs in quartz*	*0.028*	*<0.2*	*5*	*2*
1813287	*TR12-05*	*623293*	*6989027*	*3349*	*grab*	*quartz veinlets to 0.5 cm with Kspar haloes, some irregular limonite, Mn & specular hematite on fractures, 3% oxidized cubic pyrite, strong fine limonite veinlets to stockwork of fractures cutting sericite altered orthogneiss; possible trends 070/90, 080/90*	*5.980*	*0.8*	*39*	*7*
1813288	*TR12-03*	*622923*	*6988803*	*3215*	*grab*	*quartz vein with ankerite, cut by limonite fractures and infilling vugs, other crosscutting fine (few mm wide quartz - ankerite veinlets*	*3.470*	*1.3*	*15*	*7*
1813289	*TR12-11*	*623451*	*6988805*	*3094*	*grab*	*vuggy to drusy quartz from centre of trench with limonite ±Mn fracture fillings and limonite infilling vugs, some banding with grey quartz, other crosscutting quartz veinlets*	*6.980*	*0.2*	*9*	*9*
1813290	*TR12-06*	*623571*	*6988790*	*3093*	*grab*	*white quartz veins to 20 cm with crystalline vugs, limonite-ankerite ±Mn fracture fillings*	*1.540*	*<0.2*	*20*	*24*
1813291	*TR12-05*	*623302*	*6989020*	*3340*	*grab*	*strong limonite fracture fillings and infilling vugs and red, earthy hematite, and quartz veins to 5 cm*	*0.241*	*<0.2*	*25*	*3*

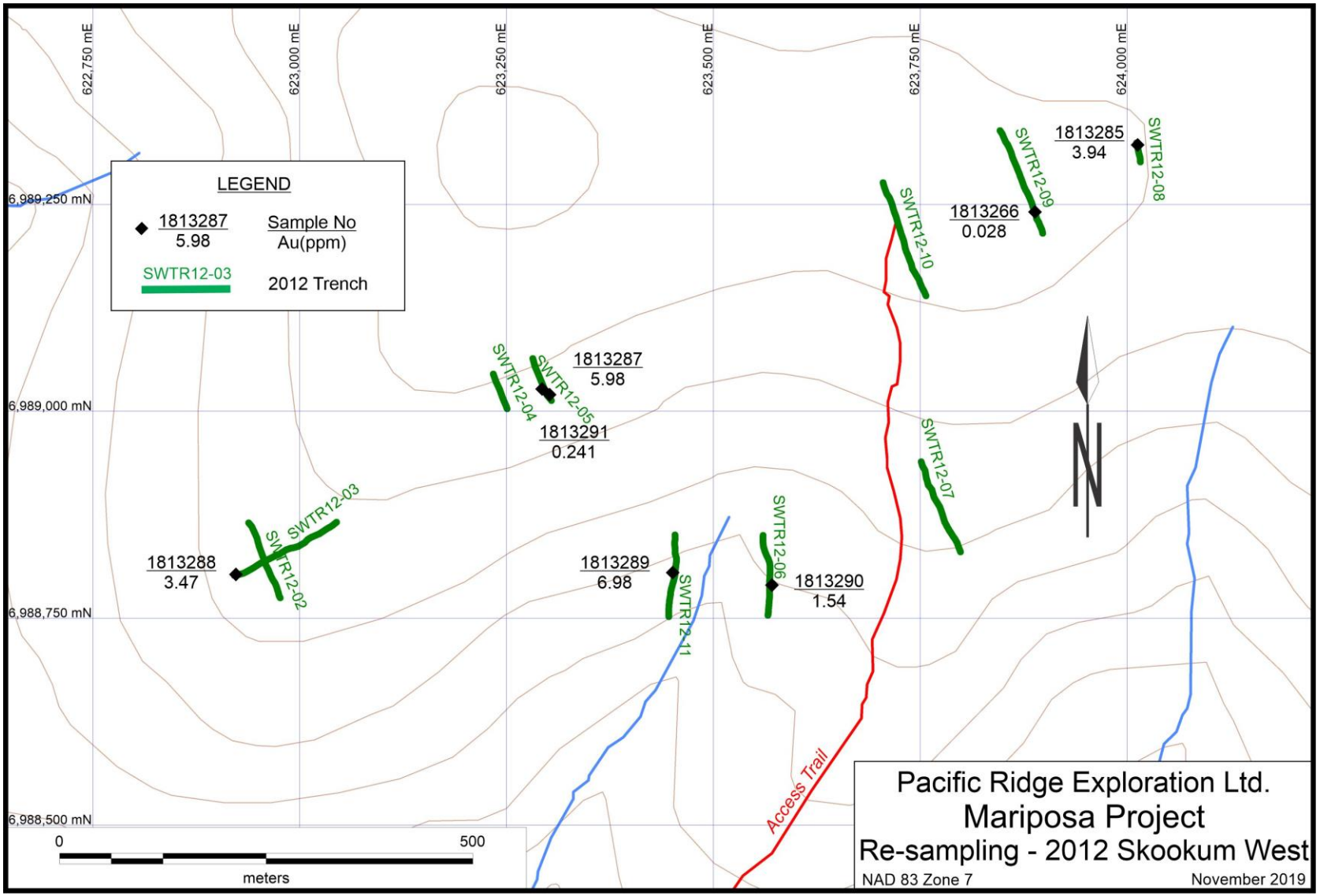

Figure 8. Re-sample results, 2012 Skookum West Trenches.

Regarding the Hackly boulders (TR17-04 to -07), some alteration was encountered upslope at sample 2377900 (628810-20mE, 6988925-35mN). Although no significant gold values were obtained, the area may be prospective. Quartz-sericite schist also occurs at the top of TR16-01, which may represent a large fault zone; a fault is associated with a similar vein through trenches 16-02, 17-05, 17-06, 16-01 and 17-07.

2017 Trench Mapping and Sampling

In 2017, trenches excavated by Four Nines Gold were sampled but not mapped (Mustard, 2018). In 2019, these trenches were mapped, with some additional sampling in both the 2012 and 2019 trenches. The following section is quoted from Pautler (2019A):

Detailed trench maps are shown in Appendix III, Figures 1 to 10. Trench locations are shown in Figure 6. Summary results of the sampling are shown in Table viii, while analytical certificates are included in Appendix II.

Three of the 2017 trenches (TR17-13 to -15, from east to west) were excavated on the Skookum West target. Lithologies include hornblende-feldspar gneiss (meta-intermediate to mafic volcanic rocks) and metasedimentary rocks. Foliations in TR17-13 to -14 are 070°/15-30°S, but trend 340°/70°E in TR17-15.

TR17-13 consists of hornfelsed foliated to gneissic metasedimentary rocks which are cut by a 0.8m wide quartz vein. Incompletely exposed contacts suggest a 120°/70SW° trend, but veins intersected in other trenches, including TR17-14 to -15, suggest a 070°-075° trend. The direct footwall of the TR17-13 vein is silicified and ankerite alteration occurs further into the footwall. The vein and adjacent wall rock on both sides yielded 1.68 g/t Au over 4.5m, including 4.05 g/t Au over 1.5m.

TR17-14 and -15 are primarily underlain by hornblende-feldspar gneiss, with minor paragneiss primarily at the southern ends. A 1.5m wide vein is centrally exposed in TR17-14, approximately 70m at 250°-255° from the TR17-13 vein. A 2.75m wide quartz vein system is exposed in TR17-15, 30m at 255° from TR17-14. Results from TR17-14 and -15 were <0.5 g/t Au. Ankerite alteration and fracture fillings are ubiquitous through TR17-15 and pinkification (hematite-Kspar alteration) occur at the north end of the trench. The vein system may continue another 150m through to the start of SWTR12-10 where 3-4 cm quartz pieces were exposed, but no anomalous gold values were obtained. The vein possibly continues to the north of SWTR12-10.

Four of the 2017 trenches (TR17-04, 17-05, 17-06, and 17-07, from west to east) were excavated on the Hackly target with one further west (TR17-03) on a gold soil anomaly (Anomaly C) thought to be related to Hackly. The trenches are entirely underlain by biotite-quartz-feldspar (felsic) orthogneiss, except for the north end of TR17-07 which intersected hornblende-feldspar gneiss. An 080° trending vein, ranging from 40 to 70 cm wide (I see a mistake on my trench map here; 2377897 in TR17-04 should read 0.4m not 0.4 cm), lies just south of, and appears associated with, an 080° trending fault through trenches 16-02, 17-05, 17-06 and 16-01. The fault continues through TR17-07, but not the vein, probably related to the presence of the more incompetent hornblende-feldspar gneiss as opposed to the competent felsic orthogneiss. The fault shows an apparent 50m of sinistral displacement of the hornblende-feldspar gneiss.

The fault and associated vein through trenches 16-02, 17-05, 17-06 and 16-01 lies downhill of the Hackly quartz vein boulders; the latter occur in an area of incompetent hornblende-feldspar gneiss. The source of the boulders, which contain 1.87g/t Au over 60 cm, 2.08 over 60 cm and 2.81 g/t Au over 55 cm, with 11.7

and 9.75 g/t Au from grab samples, has not been found. Follow up in 2017 encountered sericite altered felsic orthogneiss with limonite-hematite-quartz fracture fillings upslope at sample 2377900 (628810-20mE, 6988925-35mN). Although no significant gold values were obtained, there is little exposure and the area may be prospective. In addition, quartz-sericite schist with some quartz veins occurs upslope of the boulders at the top of TR16-01 and may represent significant alteration.

TR17-03 over soil anomaly C primarily consists of felsic orthogneiss with minor hornblende-feldspar gneiss in the central trench area and a 10m wide easterly trending fault zone just to the north of this. Alteration consists of minor vuggy quartz-limonite-Mn fracture fillings primarily at the north end of the trench, with potassic (hematite-Kspar and some sericite) alteration evident within the orthogneiss near the centre. No significant gold values were obtained.

Seven trenches were excavated on the Skookum Main target to evaluate the highly anomalous trench intercept in TR10-SJ-02, which returned 1.25 g/t Au over 30m within a broader interval of 0.67 g/t Au over 105m from shallow small excavator (CanDig) trenching, which exposed rubbly subcrop but not bedrock. All of the Skookum Main trenches are underlain by the felsic orthogneiss.

TR17-01 bisected TR10-SJ-02 just south of the 1.25 g/t Au over 30m intercept, but yielded only 1.61 g/t Au over 4.5m (N zone) with a second zone 35m to the south returning 0.92 g/t Au over 9m (S zone), apparently associated with only minor quartz veinlets, limonite fracture fillings, pyrite and patchy sericite. The latter zone occurs within an interval of 0.47 g/t Au over 25.5m, which extends south of the 9m intercept. A vein zone at the south end of this, covering a 50 cm vein with sheeted quartz veinlets in the footwall, trends 065°/40°S and yielded 1.34 g/t Au over 1.5m.

The N zone in TR17-01 exhibits quartz-sericite-limonite ±pyrite alteration and occurs within the northern portion of a 120°/20°?SW fault zone, which exhibits limonite, Mn, hematite fracture fillings, silicification and sericite alteration, and includes some breccia clasts of pyritic quartz. The hanging wall of this 15m wide fault is silicified followed by pinkification, with minor quartz veinlets, pyrite and patchy sericite. The S zone lies about 3-5m into the hanging wall of the fault, assuming a shallow dip. The fault appears to post-date mineralization. Another 7m wide limonitic fault zone, trending 045°/45°to 055°/70°, occurs near the north end of TR17-01 and exhibits brecciation. It continues through TR17-08 to the southwest, passing just north of TR17-02.

The N zone appears to trend 20m to the southwest of TR17-01 at 250° through TR17-02, where it contains 0.80 g/t Au over 6.0m, including 2.27 g/t Au over 1.5m from quartz veinlets with oxidized cubic pyrite and pyrite aggregates. The zone is not evident in TR17-08, about 10m further southwest, possibly truncated by the northernmost fault.

The S zone, which lies at about 35-45m in TR17-01 and -03 and at 45-55m in TR17-02, trends about 070°/70°S in TR17-02 & -08, but more easterly to TR17-01. The zone contains 0.88 g/t Au over 10.5m in TR17-02 with two zones in TR17-08 containing 0.81 g/t Au over 10.5m and 0.88 g/t Au over 3m, separated by about 5m. The S zone in TR17-02 and TR17-08 consists of quartz veins (to 20 cm wide) and stockwork mineralization, ±brecciation, oxidized cubic pyrite and galena. The 15m wide southeasterly fault zone may cut off the main part of the zone in TR17-01, substantiated by silicification, quartz veinlets, pyritization and pinkification within and proximal to the southern portion of the fault.

Table ix. 2019 Sampling of 2017 Trenches and summary results.

NUMBER	FROM	TO	EASTING(83-7)	NORTHING(83-7)	TYPE	DESCRIPTION	Au-ppm	Ag-ppm	Pb-ppm	Cu-ppm
TR17-10a	**Az 332**	**length 15m**	**625718**	**6989742**	**-15**	2017 trench not previously sampled from 0 to -15m, but was excavated				
1353663	-15	-13.5	625718	6989742	1.5m chip	very weak clay altered biotite-quartz-feldspar orthogneiss with weak limonite and weak to moderate Mn fracture fillings, some fresh biotite; 350/90 fractures	<0.005	<0.1	4.1	6.4
1353664	-13.5	-12			1.5m chip	very weak clay altered biotite-quartz-feldspar orthogneiss with weak limonite and weak to moderate Mn fracture fillings, some fresh biotite; 350/90 fractures	<0.005	<0.1	3.5	5.2
1353665	-12	-10.5			1.5m chip	weak to moderate clay altered biotite-quartz-feldspar orthogneiss with weak to moderate limonite fracture fillings and dendritic Mn, <1% oxidized cubic pyrite; fractures at 100/90	<0.005	<0.1	2.8	4.4
1353666	-10.5	-9			1.5m chip	strong white clay alteration of feldspar in biotite-quartz-feldspar orthogneiss with weak sericite altered of biotite, moderate limonite & weak Mn fracture fillings, 6% specular hematite; some fractures at 100/90	0.012	<0.1	2	3.8
1353667	-9	-7.5			1.5m chip	strong white clay alteration of feldspar in biotite-quartz-feldspar orthogneiss with very weak limonite and Mn fracture fillings	0.007	<0.1	1.3	5.1
1353668	-7.5	-6			1.5m chip	moderate-strong white clay alteration of feldspar in orthogneiss with weak limonite and Mn fracture fillings, patchy pinkification (pervasive Kspar & hematite alteration)	0.014	<0.1	1.9	9.5

1353669	-6	-4.5			1.5m chip	pinkified orthogneiss with weak limonite fracture fillings, weak clay & sericite alteration, minor fine 1-2 mm quartz stringers	0.011	<0.1	5.1	12.7
1353670	-4.5	-3			1.5m chip	weakly pinkified orthogneiss with very weak limonite and Mn fracture fillings, weak-moderate clay alteration	0.008	<0.1	4	19.9
1353671	-3	-1.5			1.5m chip	patchy pinkified orthogneiss with weak limonite and Mn fracture fillings, very weak clay-sericite alteration, 7% minor patchy quartz veins to 2 cm	0.348	<0.1	8.9	30
1353672	-1.5	0			1.5m chip	weakly pinkified orthogneiss with very weak clay-sericite alteration, limonite and lesser Mn fracture fillings	0.127	<0.1	16.6	24.5
TR17-10	**Az 332**	**length 16.5m**	**625708**	**6989753**	0m	original start of 2017 sampling in trench (samples disappeared and not assayed)				
1353673	0	1.5	625708	6989753	1.5m chip	weak pinkified orthogneiss with raggy quartz phenocrysts, weak to moderate limonite and Mn fracture fillings; minor quartz veinlets to 0.5-1 cm; fractures at 100/90	0.051	<0.1	5	46.2
1353674	1.5	3			1.5m chip	patchy pinkified orthogneiss with weak to moderate limonite and Mn fracture fillings, patchy hematite, weak clay alteration; weak patchy silicification, minor pegmatite	0.074	0.1	6.6	106.2
1353675	3	4.5			1.5m chip	pinkified orthogneiss with weak to moderate limonite and Mn fracture fillings, weak silicification, more pegmatite	0.54	0.6	86.6	52.3
1353676	4.5	6			1.5m chip	pinkified orthogneiss with raggy quartz phenocrysts, weak to moderate limonite and Mn fracture fillings, minor fine quartz veinlets, minor pegmatite	1.332	0.3	10.5	13.8

1353677	6	7.5			1.5m chip	orthogneiss with strong patchy sericite alteration of feldspar, weak to moderate limonite and Mn fracture fillings, minor fine quartz stockwork to 0.4 cm	0.086	<0.1	5.2	6.7
1353678	7.5	9			1.5m chip	orthogneiss with strong clay-sericite alteration of feldspar, weak to moderate limonite and Mn fracture fillings, minor fine quartz veinlets to 1 cm, 1-2% fine and oxidized cubic pyrite, minor pegmatite	0.164	<0.1	8.1	23.4
1353679	9	10.5			1.5m chip	patchy silicified orthogneiss with weak sericite alteration, minor biotite left, weak limonite, hematite and lesser Mn fracture fillings, minor fine quartz veinlets to 1 cm	0.523	0.1	12.6	29.7
1353680	10.5	12			1.5m chip	patchy silicified orthogneiss with quartz stockwork (some grey patches), weak sericite, very weak clay alteration, weak limonite and Mn fracture fillings, minor fine quartz veinlets to 2 cm, commonly with Kspar altered haloes, some vuggy	1.632	0.5	20.6	27.8
1353681	12	13.5			1.5m chip	patchy silicified orthogneiss with grey quartz stringers to 0.4 cm with minor fine pyrite, weak limonite and Mn fracture fillings	2.419	0.4	25.5	59.1
1353682	13.5	15			1.5m chip	minor patchy silicified orthogneiss with minor sericite-clay alteration, weak limonite fracture fillings	0.213	<0.1	5.5	54.1
1353683	15	16.5	625701	6989767	1.5m chip	weak clay-sericite altered orthogneiss with 7% quartz veins to 2.5 cm with minor fine pyrite, weak limonite fracture fillings; some biotite left	0.073	<0.1	4.3	13.8
TR17-09	**Az 348**	**length 6m**	**625743**	**6989690**		start of sampling at S end as in 2017; trench sloughed (not previously assayed)				

1353684	0	1.5	625743	6989690	1.5m chip	weak clay-sericite altered felsic biotite-quartz-feldspar orthogneiss with 3% oxidized cubic pyrite, some quartz veins to 5 cm, minor fine quartz veinlets, limonite and lesser Mn fracture fillings, 3% specular hematite stringers, some fresher zones	0.294	0.4	2.3	19.6
1353685	1.5	3			1.5m chip	weak to moderate clay-sericite altered felsic biotite-quartz-feldspar orthogneiss with 5% quartz veins to 5 cm, limonite and lesser Mn fracture fillings, 10% specular hematite stringers	0.019	<0.1	4.8	20
1353686	3	4.5			1.5m chip	weak to moderate clay-sericite altered felsic biotite-quartz-feldspar orthogneiss with 3% oxidized cubic pyrite, minor quartz veins to 5 cm, limonite and lesser Mn fracture fillings, 10% specular hematite stringers	0.014	<0.1	4.3	27.3
1353687	4.5	6	625741	6989695	1.5m chip	weak clay-sericite altered felsic biotite-quartz-feldspar orthogneiss with minor oxidized cubic pyrite, some quartz veins to 2-3 cm, limonite and lesser Mn, minor specular hematite fracture fillings, some fresh biotite	<0.005	<0.1	5.2	34.1
1353688	grab					grab of quartz vein float from entire trench: white quartz with limonitic fracture fillings, minor earthy hematite some muscovite in quartz	<0.005	<0.1	2.9	6.4
1353689	grab					grab of specular hematite stringers from 1353685 interval	0.011	<0.1	2.9	12.6

Table x. Hackly Zone rock descriptions and summary results.

SAMPLE	GENERAL	NAD 83 Zone 7		ELEV.			Au	Ag	Pb	Cu
NUMBER	LOCATION	EASTING	NORTHING	(ft)	TYPE	DESCRIPTION	ppb	ppm	ppm	ppm
2377900	Hackly	628820 628811	6988925 6988932	3549 3559	grab	composite of few mm wide limonite-hematite-quartz fracture fillings in limonite-sericite altered felsic orthogneiss with irregular quartz veinlets to 2 cm, some with oxidized cubic pyrite as float/subcrop	0.0025	<0.1	16.7	6.9
2599201	Hackly	628726	6988899	3469	0.6m chip	60 cm chip across vuggy white quartz vein boulder with limonite and hematite as fracture fillings and filling vugs, some vuggy quartz; chalcopyrite, malachite as stringers and veinlets and in vugs, minor oxidized cubic pyrite	2.06	2.6	588.5	73
2599202	Hackly	628727	6988897	3488	0.6m chip	60 cm chip across vuggy white quartz vein boulder with limonite and hematite as fracture fillings and filling vugs, some vuggy quartz; chalcopyrite, malachite as stringers and veinlets and in vugs, minor oxidized cubic pyrite; 2m S of 2599201	1.873	4.7	1433.1	186.7
2599203	Hackly	628727	6988897	3488	0.1m chip	10 cm vuggy zone on S side of 2599202 boulder	0.737	3.8	1611.4	17.9
2599204	Hackly	628727	6988897	3488	0.1m chip	10 cm chalcopyrite, malachite rich zone from centre of 2599202 boulder	1.482	4.9	2666.4	723.6
2599205	Hackly	628727	6988897	3488	0.1m chip	10 cm hematite rich zone from N side of 2599202 boulder	9.751	15.7	2032.5	39.3
2599206	Hackly	628730	6988880	3481	grab	about 4 cm stockwork zone (not a breccia) with clay altered wall rock on E edge of quartz vein boulder which returned 11.7 g/t Au (boulder was moved here from about 10m further to E	1.273	1	126	12
2599207	Hackly	628732	6988880	3481	0.55m chip	55 cm vuggy, limonite stained, white quartz vein boulder with chalcopyrite, galena on W side and about 10 cm in from E side along vuggy fractures	2.816	7	3596.5	485.3

1792151	Hackly - Anomaly C	628500	6989501		grab	weathered silicified, limonitic felsic orthogneiss with red hematite from where gold anomalous soil sample was taken, some fresh biotite; appears to be small bits of upper B layer rock.	0.009	<0.1	3.5	6.4
1792152	Hackly - Anomaly C	628180	6989220		grab	float of quartz feldspar porphyry? along road cut with pinkification (Kspar-hematite alteration), limonite infilling vugs, magnetite? manganese	<0.005	<0.1	1.8	1.9
1792153	Hackly - Anomaly C	628417	6989116		grab	grab of quartz float with limonitic fracture fillings and infilling vugs, some malachite staining, hosted by orthogneiss for about 10m along road cut; very weathered feldspar.	0.065	0.1	33.4	42.1

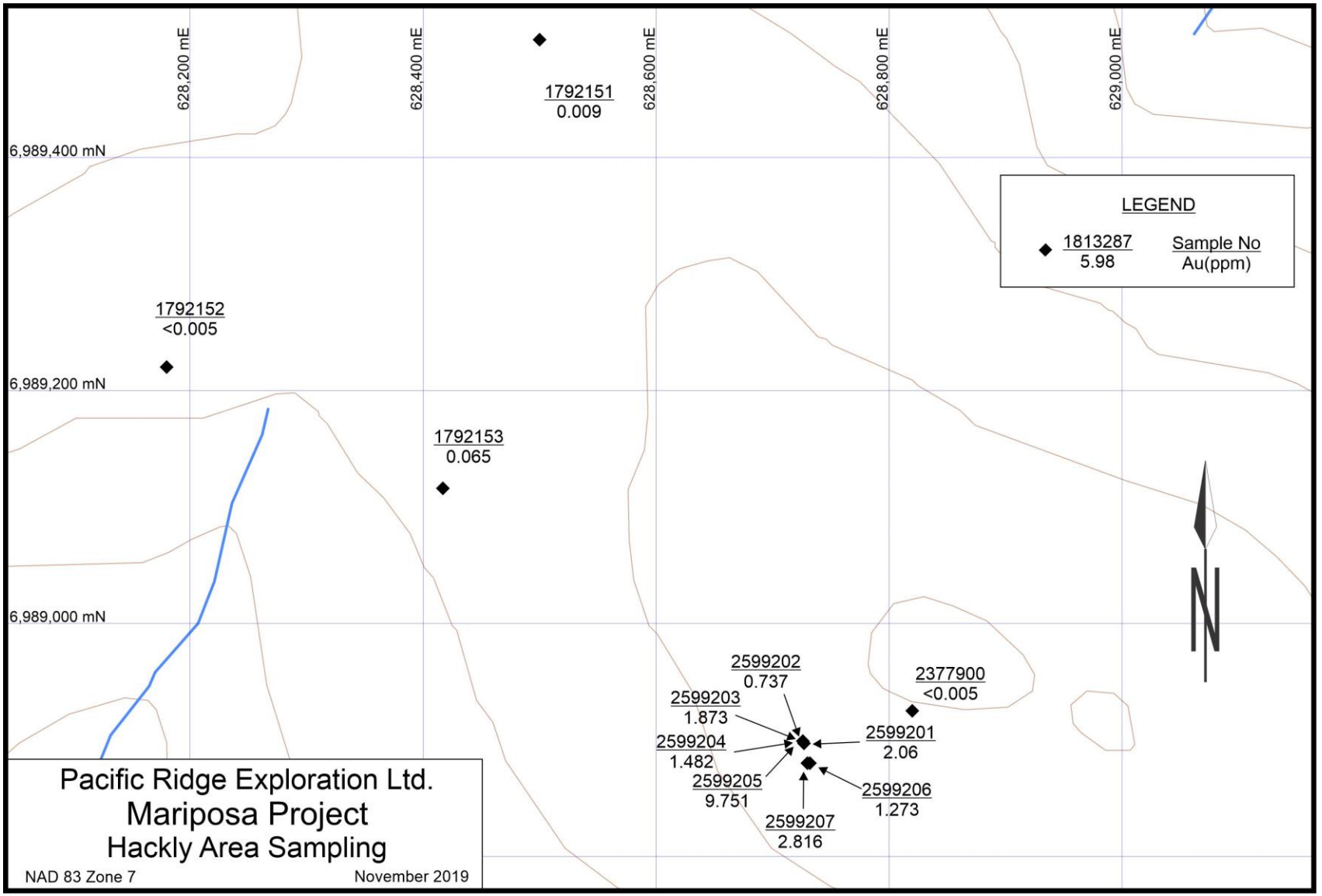

Figure 9. 2019 Hackly grab samples and results.

TR17-09 and -10 would not have intersected the N zone or the main part of the S zone. TR17-09 did intersect the southern portion of the S zone with quartz veins to 5 cm and 10% specular hematite over 3m but did not return significant results. TR17-10 returned 0.64 g/t Au over 10.5m, including 2.02 g/t Au over 3m from minor grey quartz veins (to 4 cm wide), with K-spar haloes, stockwork, silicification, minor pyritization and pinkification near the north end. Similar mineralization was encountered at the north end of TR17-01 at a 250° trend from TR17-10, with oxidized cubic pyrite, but did not return significant gold values.

A 20 cm wide 110-120°/70-75°S trending quartz vein, with 0.5% galena, and trace chalcopyrite and malachite, was encountered in TR17-11 with a maximum value of 1.68 g/t Au over 1.5m collected along the vein. The vein is hosted by sericite altered and locally silicified felsic orthogneiss with some stockwork in the footwall. The vein appears to continue 50m at 100° to TR17-12 where a 1.5m wide zone of quartz vein float to 10 cm, with galena, and stockwork veining and silicification trends about 120°, dipping S, and yielded 0.72 g/t Au over the 1.5m. The zone is hosted by pinkified felsic orthogneiss. This vein orientation was not observed in TR17-01 to-03.

Hackly Zone Prospecting and sampling

Ten samples collected from float of quartz vein and stockwork material at the Hackly Zone averaged 2.50 gpt Au and 5.67 gpt Ag, with the highest, 9.75 gpt Au and 15.7 gpt Ag from a hematite-rich sample of quartz vein (see Table iv, Figure 8). All samples were collected upslope from historical trenching, suggesting an undiscovered structurally controlled gold source at Hackly. The Hackly Zone occurs immediately above a particularly productive placer mining area on Mariposa Creek, noted for pristine nuggets that appear to be close to their bedrock source.

DISCUSSION

Very limited drilling in 2012 at Skookum West, in the vicinity of the 2012 trenches, failed to encounter significant mineralization. However, sampling of those trenches produced some excellent results, including 40 m of 1.834 g/t Au in SWTR12-11, 10 m of 1.494 g/t Au in SWTR12-08, 10 m of 2.451 g/t Au in SWTR12-03 and 10 m of 1.058 g/t Au in SWTR12-02. The information gathered from the 2019 examination of the 2012 trenches will aid in the design of future exploration programs in the search for potential mineralized structures in this area. This work will also assist in the design of a program for the reclamation of the 2012 trenches, planned for the 2020 field season.

Mapping of the 2017 trenches, which had not previously been carried out, was completed in anticipation of the reclamation of those trenches. This work will assist in the Company's efforts to complete property-wide geological mapping and in the understanding of the controls on gold mineralization.

During this work, new gold mineralization was discovered upslope of trenching at the Hackly Zone. Three of the seven collected grab samples from quartz vein float assayed 9.75, 2.82 and 2.06 g/t Au (Figure 9). Additional trenching will be required to discover the source of this float. It is planned for this work to be carried out in the upcoming field season, at the same time as the planned 2012 and 2017 trench reclamation program.

CONCLUSIONS AND RECOMMENDATIONS

The Mariposa Property, located 30 kilometres southeast of the White Gold's Golden Saddle deposit and 40 kilometres east-northeast of Newmont-Goldcorp's Coffee property, has a long history of gold exploration and contains two placer creeks with one of the longest histories, over a century, of active mining in the Klondike. The geological setting of the Property is similar to the White Gold, Coffee and QV properties in terms of the host lithologies, the structural controls and brittle style of deformation and the style of gold mineralization. Recent exploration by Pacific Ridge identified an open-ended 7 km long horizon of altered sulphide bearing quartz mica schist in the Skookum Zone area of the Property. This unit is locally flanked by intrusive and mafic rock units, a setting favorable for hosting a gold-mineralizing system.

The history of gold exploration within the Property dates to 1898, when gold was first discovered in Scroggie and Mariposa Creeks. It has been estimated that approximately 100,000 ounces of gold with a fineness of 905 has been produced from Mariposa and Scroggie Creeks.

The first lode gold exploration in the area was reported in 1917 and has continued sporadically to the present. Interest in the lode gold potential around Scroggie Creek intensified in the mid 2000's and reached a climax during the period 2009 to 2012, when the Company spent approximately $6 million exploring the Property. Soil sampling and trenching led to a core drilling program in 2011 as well as additional soil sampling, an aeromagnetic survey, ground magnetics and VLF surveys. In 2012, additional trenching, drilling and soil sampling surveys were carried out.

Soil geochemical surveys have been effective in defining the main anomalous zones on the Property. The strongest gold anomalies occur at Skookum Main, Skookum West and Alberta Creek. However, due to the effects of mainly mechanical dispersion in the upper soil horizon and the local presence of permafrost, additional targeting criteria are required to define drill targets. Traditionally, trenching and drilling programs have served this purpose.

The 2019 exploration program at Mariposa was designed to re-examine historical trenches from 2012 and 2017. The 2012 trenches had encountered some significant gold values (40 m of 1.834 g/t Au in SWTR12-11, 10 m of 1.494 g/t Au in SWTR12-08, 10 m of 2.451 g/t Au in SWTR12-03 and 10 m of 1.058 g/t Au in SWTR12-02) that weren't reflected in adjacent drill holes. The current program was to investigate possible reasons for this discrepancy, in particular attempting to determine the possible orientation of gold-bearing structures.

The 2017 trenches had not previously been mapped and the samples from three of these trenches were lost in transport and therefore needed re-sampling. During mapping and sampling of these trenches, some new mineralization was encountered at the Hackly Zone (9.75, 2.82 and 2.06 g/t Au in float), upslope from the existing trenches, thus representing a new exploration target.

Both the 2012 and 2017 trenches were examined to determine their requirements for reclamation, planned for the 2020 field season.

Future exploration should include trenching at the new Hackly gold showing to determine the source of the high-grade float. In addition, in-fill soil sampling, at 10 m spacings, plus prospecting should be carried out at Skookum West to define in greater detail targets for subsequent drilling.

STATEMENT OF EXPENDITURES

Item	Contractor/Supplier	Invoice Date	Description	Amount
Mapping-sampling	JP Exploration Services	August 31, 2019	J. Pautler	$5,315.63
Mapping-sampling	JP Exploration Services	October 10, 2019	J. Pautler	$1,479.45
Mapping-sampling	JP Exploration Services	November 24, 2019	J. Pautler	$630.00
Mapping-sampling	Spere Exploration Inc.	July 13, 2019	M. Fraughton	$3,150.00
Fixed Wing	Great River Air	July 9, 2019	144 km	$1,041.60
Helicopter	Trans North	September 16, 2019	0.8 hours	$1,717.80
Fuel	Great River Air	July 9, 2019	1 drum	$250.65
Sample Shipping	Freight Systems	July 12, 2019		$137.67
Analytical	Bureau Veritas	August 7, 2019	46 samples	$2,047.66
Shipping & Analytical	Ground Truth	November 14, 2019	7 samples	$297.41
Report preparation	G. Carlson		4.5 days	$3,600.00
Total				**$19,667.87**

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CERTIFICATE OF QUALIFICATIONS

I, Gerald G. Carlson, hereby certify that:

1. I am a consulting mineral exploration geologist and President and CEO of Pacific Ridge Exploration Ltd., 11th Floor – 1111 Melville St., Vancouver, B.C. V6E 3V6.

2. I am a graduate of the University of Toronto, with a degree in Geological Engineering (B.A.Sc., 1969). I attended graduate school at Michigan Technological University (M.Sc., 1974) and Dartmouth College (Ph.D., 1978). I have been involved in geological mapping, mineral exploration and the management of mineral exploration companies continuously since 1969, with the exception of time between 1972 and 1978 for graduate studies in economic geology.

3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 12513 and of the Association of Professional Engineers of Yukon, Registration No. 0198.

4. I am the author of this report on the Mariposa Property.

5. The report is based on a literature review, on private company reports and on the 2019 surface exploration program.

6. I am a Director and Officer of Pacific Ridge Exploration Ltd. and I own shares in the company.

7. I was personally involved in the planning, execution and interpretation of the exploration program discussed in this report.

Dated at Vancouver, B.C. this 10th day of December 2019,

Gerald G. Carlson, Ph.D., P. Eng.

APPENDIX I

Mariposa Claim List – Group A

Mariposa Claims - Group A

Grant No.	Name	Number	Owner	Expiry Date	NTS	Years
YC20192	Rum Run	21	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20193	Rum Run	22	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20194	Rum Run	23	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20195	Rum Run	24	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20196	Rum Run	25	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20197	Rum Run	26	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20198	Rum Run	27	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20199	Rum Run	28	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20200	Rum Run	29	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20201	Rum Run	30	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20203	Rum Run	32	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20205	Rum Run	34	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20207	Rum Run	36	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC20209	Rum Run	38	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20211	Rum Run	40	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20214	Rum Run	43	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20216	Rum Run	45	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20218	Rum Run	47	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20220	Rum Run	49	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20222	Rum Run	53	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20223	Rum Run	54	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20224	Rum Run	55	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20225	Rum Run	56	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20226	Rum Run	57	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC20227	Rum Run	58	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC36188	Rum Run	44	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115J15	1
YC36189	Rum Run	46	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115J15	1
YC36190	Rum Run	48	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115J15	1
YC75987	Toluamide	1	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC75988	Toluamide	2	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC75989	Toluamide	3	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC75990	Toluamide	4	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC75991	Toluamide	5	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC75992	Toluamide	6	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC75993	Toluamide	7	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC75994	Toluamide	8	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC75995	Toluamide	9	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC75996	Toluamide	10	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC75997	Toluamide	11	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC75998	Toluamide	12	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC75999	Toluamide	13	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC76000	Toluamide	14	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76001	Toluamide	15	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC76002	Toluamide	16	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2

Grant No.	Name	Number	Owner	Expiry Date	NTS	Years
YC76003	Toluamide	17	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YC76004	Toluamide	18	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76005	Toluamide	19	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76006	Toluamide	20	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76007	Toluamide	21	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76008	Toluamide	22	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76009	Toluamide	23	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76010	Toluamide	24	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115O02	2
YC76011	Toluamide	25	Pacific Ridge Exploration Ltd. - 100%	2026-02-15	115O02	1
YC76012	Toluamide	26	Pacific Ridge Exploration Ltd. - 100%	2026-02-15	115O02	1
YC76014	Toluamide	28	Pacific Ridge Exploration Ltd. - 100%	2026-02-15	115O02	1
YC76015	Toluamide	29	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76016	Toluamide	30	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76017	Toluamide	31	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76018	Toluamide	32	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76019	Toluamide	33	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76020	Toluamide	34	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YC76021	Toluamide	35	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YC76022	Toluamide	36	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YC76023	Toluamide	37	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YC76024	Toluamide	38	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YC76025	Toluamide	39	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YC76026	Toluamide	40	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YC76027	Toluamide	41	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD08145	Gertie	5	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08146	Gertie	6	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08147	Gertie	7	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08148	Gertie	8	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08149	Gertie	9	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08150	Gertie	10	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08151	Gertie	11	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08152	Gertie	12	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08153	Gertie	13	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115J15	2
YD08154	Gertie	14	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115J15	2
YD08155	Gertie	15	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115J15	2
YD08156	Gertie	16	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115J15	2
YD08169	Gertie	29	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08171	Gertie	31	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08173	Gertie	33	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08175	Gertie	35	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08177	Gertie	37	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08179	Gertie	39	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD08181	Gertie	41	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	2
YD12601	Toluamide	65	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12602	Toluamide	66	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1

Grant No.	Name	Number	Owner	Expiry Date	NTS	Years
YD12603	Toluamide	67	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12604	Toluamide	68	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12605	Toluamide	69	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12606	Toluamide	70	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12607	Toluamide	71	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12608	Toluamide	72	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12609	Toluamide	73	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12610	Toluamide	74	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12611	Toluamide	75	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12621	Toluamide	85	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12622	Toluamide	86	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12623	Toluamide	87	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12624	Toluamide	88	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12625	Toluamide	89	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12626	Toluamide	90	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12627	Toluamide	91	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12628	Toluamide	92	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12629	Toluamide	93	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12630	Toluamide	94	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12672	Toluamide	136	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12673	Toluamide	137	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12674	Toluamide	138	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O01	1
YD12675	Toluamide F	139	Pacific Ridge Exploration Ltd. - 100%	2024-02-15	115J15	2
YD12676	Toluamide F	140	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	3
YD12677	Toluamide F	141	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	3
YD12678	Toluamide F	142	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	3
YD12679	Toluamide F	143	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115J15	3
YD31534	Toluamide F	144	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YD31535	Toluamide F	145	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YD31544	Toluamide F	146	Pacific Ridge Exploration Ltd. - 100%	2023-02-15	115O02	3
YD64218	Lot	2	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
YD64281	Lot	1	Pacific Ridge Exploration Ltd. - 100%	2025-02-15	115O02	1
				Total		**196**

APPENDIX II

Assay Certificates

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Pacific Ridge Exploration Ltd.**
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Submitted By: Jean Pautler
Receiving Lab: Canada-Whitehorse
Received: July 15, 2019
Report Date: August 07, 2019
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI19000202.1

CLIENT JOB INFORMATION

Project: Mariposa
Shipment ID:
P.O. Number
Number of Samples: 46

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 60 days

Bureau Veritas does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
PRP90-250	46	Crush (>90%), split and pulverize 250g rock to 200 mesh			WHI
FA430	46	Lead Collection Fire Assay Fusion - AAS Finish	30	Completed	VAN
EN002	46	Environmental disposal charge-Fire assay lead waste			WHI
AQ200	46	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
SLBHP	46	Sort, label and box pulps			WHI
SHP01	46	Per sample shipping charges for branch shipments			VAN

ADDITIONAL COMMENTS

Invoice To: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
MARCUS LAU
Production Manager

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

BUREAU VERITAS MINERAL LABORATORIES Canada

www.bureauveritas.com/um

Bureau Veritas Commodities Canada Ltd.

9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Pacific Ridge Exploration Ltd.**
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Project: Mariposa
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000202.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
1353663	Rock	4.44	<0.005	1.9	6.4	4.1	26	<0.1	1.5	1.5	248	1.03	0.6	1.4	10.2	11	<0.1	<0.1	<0.1	2	0.24
1353664	Rock	4.25	<0.005	2.2	5.2	3.5	21	<0.1	2.0	1.6	262	1.09	<0.5	1.6	10.3	10	<0.1	0.1	<0.1	3	0.17
1353665	Rock	4.05	<0.005	0.8	4.4	2.8	15	<0.1	2.2	1.6	324	0.95	<0.5	2.3	9.5	8	<0.1	<0.1	<0.1	4	0.09
1353666	Rock	3.63	0.012	2.9	3.8	2.0	15	<0.1	1.4	1.4	253	1.36	<0.5	7.5	9.2	9	0.1	<0.1	<0.1	24	0.04
1353667	Rock	3.73	0.007	3.8	5.1	1.3	10	<0.1	1.4	1.0	179	0.62	<0.5	4.2	6.9	9	<0.1	<0.1	<0.1	2	0.04
1353668	Rock	3.86	0.014	0.8	9.5	1.9	17	<0.1	1.6	1.7	256	0.97	<0.5	6.0	7.6	8	<0.1	<0.1	<0.1	5	0.04
1353669	Rock	4.07	0.011	0.8	12.7	5.1	19	<0.1	2.0	1.7	215	0.92	<0.5	17.4	12.3	10	<0.1	0.2	<0.1	6	0.05
1353670	Rock	3.57	0.008	2.5	19.9	4.0	30	<0.1	1.7	3.4	388	1.63	<0.5	4.8	8.8	11	<0.1	0.2	<0.1	15	0.24
1353671	Rock	4.19	0.348	5.0	30.0	8.9	21	<0.1	1.7	3.3	309	1.32	<0.5	218.5	8.8	11	<0.1	0.5	<0.1	12	0.10
1353672	Rock	3.98	0.127	2.2	24.5	16.6	29	<0.1	2.4	3.2	474	1.54	<0.5	44.7	9.6	9	0.1	0.4	<0.1	14	0.06
1353673	Rock	3.54	0.051	2.3	46.2	5.0	63	<0.1	2.2	6.2	834	2.68	<0.5	46.8	7.2	13	0.2	0.3	0.3	20	0.58
1353674	Rock	3.52	0.074	2.4	106.2	6.6	83	0.1	1.1	5.9	841	2.78	<0.5	33.1	7.4	16	0.2	0.3	0.4	20	1.00
1353675	Rock	3.49	0.540	3.4	52.3	86.6	93	0.6	2.3	4.6	632	1.82	1.8	387.3	7.2	28	0.4	0.7	1.1	13	0.49
1353676	Rock	3.76	1.332	12.3	13.8	10.5	13	0.3	2.4	2.3	137	1.07	<0.5	984.8	6.0	18	<0.1	0.2	0.2	4	0.04
1353677	Rock	3.78	0.086	1.3	6.7	5.2	19	<0.1	1.6	1.2	133	0.77	<0.5	39.4	7.8	21	<0.1	<0.1	<0.1	3	0.06
1353678	Rock	4.49	0.164	2.3	23.4	8.1	19	<0.1	1.8	2.0	173	1.02	0.7	67.3	6.9	19	<0.1	<0.1	<0.1	4	0.05
1353679	Rock	3.41	0.523	9.0	29.7	12.6	58	0.1	2.6	4.7	311	2.19	1.1	426.5	4.5	15	0.1	0.1	0.2	14	0.10
1353680	Rock	4.70	1.632	17.0	27.8	20.6	61	0.5	2.5	4.9	528	2.31	1.8	1474.2	3.2	22	0.1	0.3	0.8	14	0.11
1353681	Rock	3.99	2.419	42.6	59.1	25.5	199	0.4	4.7	4.7	398	1.88	8.0	2137.8	4.0	20	1.7	3.8	0.5	11	0.11
1353682	Rock	4.44	0.213	5.8	54.1	5.5	156	<0.1	2.5	4.1	442	1.87	4.4	128.2	5.9	16	1.5	1.5	0.4	13	0.13
1353683	Rock	3.79	0.073	3.7	13.8	4.3	54	<0.1	2.0	3.2	414	1.44	0.8	12.4	7.0	13	0.3	0.3	0.2	8	0.10
1353684	Rock	4.24	0.294	2.0	19.6	2.3	16	0.4	1.3	2.0	218	1.04	0.6	4245.5	7.9	9	<0.1	0.2	<0.1	5	0.03
1353685	Rock	2.98	0.019	0.6	20.0	4.8	11	<0.1	1.3	1.7	162	0.83	0.9	6.2	8.5	6	<0.1	0.2	<0.1	5	0.03
179152	Rock	1.87	<0.005	0.9	1.9	1.8	5	<0.1	1.1	0.7	108	0.52	0.6	0.6	13.2	10	<0.1	0.1	<0.1	2	0.04
179153	Rock	2.67	0.065	6.6	42.1	33.4	18	0.1	12.4	2.4	407	0.80	3.8	34.1	1.0	141	0.1	2.1	<0.1	4	0.04
2377897	Rock	1.95	1.815	68.7	1272.7	7260.6	91	46.8	1.6	0.5	56	0.88	73.1	1947.1	0.3	75	7.2	748.2	16.9	3	0.01
2377898	Rock	1.93	0.646	84.1	1122.7	3675.7	231	5.0	2.1	0.9	124	0.67	1.2	553.0	0.4	112	0.8	0.2	7.9	2	0.12
2377899	Rock	1.72	0.016	1.6	8.4	44.1	13	0.2	1.8	1.3	226	0.89	0.7	6.1	5.5	8	<0.1	1.5	0.2	3	0.08
2377900	Rock	1.13	<0.005	1.3	6.9	16.7	10	<0.1	1.6	1.7	148	0.68	1.1	2.2	5.6	10	<0.1	0.2	<0.1	3	0.05
1353686	Rock	3.18	0.014	1.3	27.3	4.3	16	<0.1	1.2	2.4	164	0.87	0.8	10.1	7.6	6	<0.1	0.3	0.1	4	0.03

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Project: Mariposa
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000202.1

	Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1353663	Rock	0.017	28	2	0.02	349	0.002	<20	0.35	0.053	0.22	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5	<0.2
1353664	Rock	0.017	29	2	0.02	243	0.002	<20	0.45	0.073	0.26	<0.1	<0.01	1.4	<0.1	<0.05	1	<0.5	<0.2
1353665	Rock	0.016	25	1	0.02	220	0.002	<20	0.34	0.056	0.20	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
1353666	Rock	0.016	25	2	0.02	275	0.006	<20	0.34	0.113	0.14	0.3	<0.01	2.2	<0.1	<0.05	1	<0.5	<0.2
1353667	Rock	0.004	18	2	0.02	129	<0.001	<20	0.32	0.060	0.14	<0.1	<0.01	1.1	<0.1	<0.05	<1	<0.5	<0.2
1353668	Rock	0.007	19	2	0.03	111	0.001	<20	0.42	0.074	0.18	<0.1	<0.01	2.0	<0.1	<0.05	1	<0.5	<0.2
1353669	Rock	0.014	30	1	0.03	118	0.002	<20	0.34	0.053	0.17	<0.1	<0.01	2.2	<0.1	<0.05	<1	<0.5	<0.2
1353670	Rock	0.032	25	2	0.03	195	0.007	<20	0.48	0.074	0.23	<0.1	<0.01	4.0	<0.1	<0.05	1	<0.5	<0.2
1353671	Rock	0.021	26	2	0.02	151	0.005	<20	0.32	0.055	0.15	0.1	<0.01	3.1	<0.1	<0.05	<1	<0.5	<0.2
1353672	Rock	0.024	27	2	0.02	125	0.006	<20	0.38	0.092	0.18	<0.1	<0.01	3.9	<0.1	<0.05	<1	<0.5	<0.2
1353673	Rock	0.055	23	1	0.04	291	0.005	<20	0.44	0.034	0.27	<0.1	<0.01	6.4	<0.1	<0.05	1	<0.5	<0.2
1353674	Rock	0.057	23	1	0.05	405	0.005	<20	0.57	0.044	0.34	<0.1	<0.01	6.8	<0.1	0.06	2	<0.5	<0.2
1353675	Rock	0.040	22	1	0.03	750	0.003	<20	0.38	0.032	0.19	<0.1	<0.01	5.1	<0.1	0.06	<1	<0.5	<0.2
1353676	Rock	0.013	20	2	0.02	261	<0.001	<20	0.34	0.039	0.23	<0.1	<0.01	2.3	<0.1	<0.05	<1	<0.5	0.2
1353677	Rock	0.013	21	2	0.04	132	<0.001	<20	0.45	0.032	0.22	<0.1	<0.01	1.9	<0.1	<0.05	<1	<0.5	<0.2
1353678	Rock	0.017	22	2	0.03	227	<0.001	<20	0.47	0.046	0.25	<0.1	<0.01	2.5	<0.1	<0.05	<1	<0.5	<0.2
1353679	Rock	0.041	14	2	0.03	300	0.002	<20	0.48	0.010	0.32	<0.1	<0.01	4.5	<0.1	<0.05	1	<0.5	0.3
1353680	Rock	0.044	11	2	0.03	852	0.002	<20	0.54	0.008	0.32	<0.1	0.02	5.1	0.1	<0.05	1	<0.5	0.4
1353681	Rock	0.041	14	4	0.04	471	0.003	<20	0.43	0.016	0.19	0.1	0.05	4.9	0.3	<0.05	1	<0.5	0.7
1353682	Rock	0.036	18	2	0.04	298	0.002	<20	0.66	0.052	0.32	<0.1	<0.01	3.8	0.1	<0.05	1	<0.5	<0.2
1353683	Rock	0.032	19	2	0.04	196	0.002	<20	0.48	0.035	0.23	<0.1	<0.01	2.9	0.2	<0.05	1	<0.5	<0.2
1353684	Rock	0.008	17	2	0.02	390	0.001	<20	0.37	0.088	0.15	<0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2
1353685	Rock	0.007	17	2	0.01	146	0.003	<20	0.26	0.055	0.11	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
179152	Rock	0.022	36	1	<0.01	281	<0.001	<20	0.35	0.103	0.27	<0.1	<0.01	2.9	<0.1	<0.05	<1	<0.5	<0.2
179153	Rock	0.007	3	5	<0.01	5220	<0.001	<20	0.04	0.003	0.01	<0.1	<0.01	2.4	<0.1	0.12	<1	<0.5	1.1
2377897	Rock	<0.001	2	3	<0.01	1624	<0.001	<20	0.02	0.003	<0.01	<0.1	0.65	0.2	<0.1	0.23	<1	16.1	11.1
2377898	Rock	0.002	4	2	<0.01	4992	<0.001	<20	0.05	0.003	0.02	<0.1	0.15	0.7	<0.1	0.15	<1	7.1	4.9
2377899	Rock	0.016	37	3	0.02	150	0.001	<20	0.27	0.056	0.10	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2
2377900	Rock	0.010	10	2	0.02	169	0.002	<20	0.31	0.052	0.11	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
1353686	Rock	0.008	17	2	0.01	189	0.001	<20	0.27	0.054	0.11	<0.1	<0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2

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Project: Mariposa
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000202.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
1353687	Rock	2.86	<0.005	0.7	34.1	5.2	11	<0.1	1.2	2.5	183	0.88	1.2	0.6	11.4	7	<0.1	0.2	<0.1	4	0.04
1353688	Rock	3.09	<0.005	0.5	6.4	2.9	3	<0.1	0.7	1.4	111	0.41	0.8	3.1	1.0	2	<0.1	<0.1	<0.1	<1	0.01
1353689	Rock	1.23	0.011	0.4	12.6	2.9	19	<0.1	3.3	1.7	353	1.25	<0.5	7.3	9.4	18	0.1	0.1	<0.1	12	0.04
2599201	Rock	1.68	2.060	21.1	73.0	588.5	94	2.6	0.8	0.2	44	0.45	2.1	2004.0	0.2	40	0.2	0.5	0.9	2	0.03
2599202	Rock	2.27	1.873	20.0	186.7	1433.1	180	4.7	0.9	0.2	39	0.76	2.7	2080.2	0.2	96	0.3	0.6	2.3	1	<0.01
2599203	Rock	1.45	0.737	7.8	17.9	1611.4	18	3.8	0.5	0.1	28	0.43	1.7	773.8	0.1	110	<0.1	0.5	5.1	<1	<0.01
2599204	Rock	1.11	1.482	9.7	723.6	2666.4	1989	4.9	0.8	1.0	106	0.40	1.6	2258.5	<0.1	51	1.3	0.8	3.7	1	<0.01
2599205	Rock	1.39	9.751	55.1	39.3	2032.5	53	15.7	0.9	0.3	27	0.89	7.2	13610.4	0.1	27	<0.1	0.8	0.2	2	<0.01
2599206	Rock	0.59	1.273	12.1	12.0	126.0	44	1.0	1.0	0.3	65	0.53	1.3	1109.6	0.2	16	<0.1	0.3	<0.1	2	<0.01
2599207	Rock	2.93	2.816	13.4	485.3	3596.5	235	7.0	0.8	0.3	40	0.62	1.4	3873.4	<0.1	101	0.7	0.6	4.3	1	<0.01
2599208	Rock	1.26	1.800	205.9	39.0	72.9	15	0.9	3.0	1.7	68	0.96	3.9	2490.6	1.3	23	0.2	1.6	1.4	4	0.01
2599209	Rock	0.78	0.036	1.4	24.7	22.7	13	<0.1	0.8	0.7	177	0.61	0.7	19.3	0.8	22	0.2	0.1	<0.1	3	0.34
2599210	Rock	1.41	0.031	12.8	15.6	6.0	26	0.1	0.6	0.6	56	0.55	0.9	14.9	8.1	11	0.1	0.2	0.2	2	0.01
2599211	Rock	3.95	0.330	11.1	25.7	11.9	11	0.9	2.3	1.9	395	0.69	5.1	99.3	0.5	42	0.1	1.1	0.3	4	0.52
2599212	Rock	3.37	2.312	7.2	27.0	63.8	11	0.6	1.0	0.4	51	0.55	6.5	3825.1	0.5	257	<0.1	2.1	0.3	1	<0.01
1792151	Rock	2.05	0.009	0.4	6.4	3.5	18	<0.1	4.1	5.2	261	0.98	1.3	4.1	8.8	19	<0.1	0.5	<0.1	10	0.11

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Project: Mariposa
Report Date: August 07, 2019

CERTIFICATE OF ANALYSIS WHI19000202.1

Method		AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1353687	Rock	0.007	22	2	0.02	141	0.002	<20	0.41	0.081	0.18	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
1353688	Rock	0.002	1	2	<0.01	41	<0.001	<20	0.10	0.019	0.04	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1353689	Rock	0.014	27	2	<0.01	831	0.005	<20	0.28	0.103	0.12	0.1	<0.01	2.4	<0.1	<0.05	<1	<0.5	<0.2
2599201	Rock	0.003	2	2	<0.01	2757	<0.001	<20	0.02	0.003	<0.01	<0.1	0.16	0.2	<0.1	0.09	<1	1.3	3.9
2599202	Rock	0.002	5	2	<0.01	4871	<0.001	<20	0.01	0.004	<0.01	<0.1	0.14	0.2	<0.1	0.14	<1	1.7	5.4
2599203	Rock	0.001	3	2	<0.01	4602	<0.001	<20	0.01	0.003	<0.01	0.2	0.15	<0.1	<0.1	0.12	<1	1.4	3.5
2599204	Rock	<0.001	1	2	<0.01	3671	<0.001	<20	<0.01	0.002	<0.01	<0.1	0.25	0.1	<0.1	0.09	<1	4.2	5.0
2599205	Rock	0.002	<1	2	<0.01	1480	<0.001	<20	0.01	0.003	0.01	<0.1	0.26	0.1	<0.1	0.17	<1	1.9	18.5
2599206	Rock	0.005	5	2	<0.01	110	<0.001	<20	0.12	0.003	0.09	<0.1	0.02	0.2	<0.1	<0.05	<1	<0.5	3.3
2599207	Rock	<0.001	3	2	<0.01	3741	<0.001	<20	0.01	0.003	<0.01	<0.1	0.32	0.1	<0.1	0.12	<1	5.8	7.5
2599208	Rock	0.003	3	2	<0.01	1170	<0.001	<20	0.14	0.004	0.09	<0.1	0.05	0.4	<0.1	0.22	<1	<0.5	1.9
2599209	Rock	<0.001	2	1	0.01	708	<0.001	<20	0.27	0.050	0.15	<0.1	<0.01	1.2	<0.1	<0.05	<1	<0.5	<0.2
2599210	Rock	0.004	30	2	<0.01	267	<0.001	<20	0.25	0.092	0.14	<0.1	<0.01	0.6	<0.1	<0.05	<1	<0.5	0.2
2599211	Rock	0.003	<1	2	0.17	1086	<0.001	<20	0.05	0.002	0.03	<0.1	0.01	1.3	<0.1	<0.05	<1	<0.5	0.3
2599212	Rock	0.001	<1	2	<0.01	4921	<0.001	<20	0.10	0.003	0.05	<0.1	0.02	0.3	<0.1	0.13	<1	<0.5	<0.2
1792151	Rock	0.022	19	4	0.08	163	0.008	<20	0.52	0.083	0.14	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5	<0.2

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Project: Mariposa
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000202.1

	Method	WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
Pulp Duplicates																					
1353665	Rock	4.05	<0.005	0.8	4.4	2.8	15	<0.1	2.2	1.6	324	0.95	<0.5	2.3	9.5	8	<0.1	<0.1	<0.1	4	0.09
REP 1353665	QC		<0.005																		
1353684	Rock	4.24	0.294	2.0	19.6	2.3	16	0.4	1.3	2.0	218	1.04	0.6	4245.5	7.9	9	<0.1	0.2	<0.1	5	0.03
REP 1353684	QC			1.8	19.4	2.4	17	<0.1	1.4	1.9	225	1.07	0.7	99.8	7.5	9	<0.1	0.2	<0.1	5	0.03
Core Reject Duplicates																					
1353686	Rock	3.18	0.014	1.3	27.3	4.3	16	<0.1	1.2	2.4	164	0.87	0.8	10.1	7.6	6	<0.1	0.3	0.1	4	0.03
DUP 1353686	QC		0.015	1.3	27.3	5.4	16	<0.1	1.4	2.5	175	0.97	1.0	10.7	8.5	8	<0.1	0.4	0.1	4	0.03
Reference Materials																					
STD BVGEO01	Standard			10.6	4432.5	185.2	1836	2.5	156.3	25.0	719	3.76	118.7	215.6	15.3	57	6.3	2.3	24.1	74	1.27
STD DS11	Standard			15.6	147.0	137.7	332	1.7	76.5	13.7	1039	3.08	42.6	123.2	8.0	65	2.6	6.5	11.1	50	1.06
STD OREAS262	Standard			0.7	121.0	56.5	153	0.4	67.1	26.8	530	3.34	36.0	53.9	10.0	34	0.6	1.9	0.9	23	2.97
STD OREAS262	Standard			0.7	120.0	56.2	152	0.4	66.2	28.2	553	3.28	37.4	63.2	9.8	35	0.6	2.1	0.9	24	3.01
STD OXC145	Standard		0.218																		
STD OXC145	Standard		0.221																		
STD OXH139	Standard		1.277																		
STD OXH139	Standard		1.354																		
STD OXN134	Standard		7.652																		
STD OXN134	Standard		8.100																		
STD BVGEO01 Expected				10.8	4415	187	1741	2.53	163	25	733	3.7	121	219	14.4	55	6.5	2.2	25.6	73	1.3219
STD DS11 Expected				13.9	149	138	345	1.71	77.7	14.2	1055	3.1	42.8	79	7.65	67.3	2.37	7.2	12.2	50	1.063
STD OREAS262 Expected				0.68	118	56	154	0.45	62	26.9	530	3.284	35.8	65	9.33	36	0.61	3.39	1.03	22.5	2.98
STD OXC145 Expected			0.212																		
STD OXH139 Expected			1.312																		
STD OXN134 Expected			7.667																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		

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Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St Vancouver British Columbia V6P 6E5 Canada
PHONE (604) 253-3158

Client: **Pacific Ridge Exploration Ltd.**
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Project: Mariposa
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000202.1

		Method	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																				
1353665	Rock		0.016	25	1	0.02	220	0.002	<20	0.34	0.056	0.20	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2
REP 1353665	QC																			
1353684	Rock		0.008	17	2	0.02	390	0.001	<20	0.37	0.088	0.15	<0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2
REP 1353684	QC		0.008	18	2	0.02	403	0.001	<20	0.38	0.090	0.15	<0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2
Core Reject Duplicates																				
1353686	Rock		0.008	17	2	0.01	189	0.001	<20	0.27	0.054	0.11	<0.1	<0.01	1.4	<0.1	<0.05	<1	<0.5	<0.2
DUP 1353686	QC		0.008	18	2	0.02	203	0.002	<20	0.38	0.084	0.15	<0.1	<0.01	1.7	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																				
STD BVGEO01	Standard		0.073	26	172	1.31	329	0.230	<20	2.34	0.196	0.89	3.4	0.08	5.7	0.6	0.66	7	4.0	1.1
STD DS11	Standard		0.073	18	59	0.84	423	0.089	<20	1.16	0.071	0.40	2.7	0.25	3.0	5.0	0.28	5	1.7	4.6
STD OREAS262	Standard		0.041	17	44	1.19	249	0.003	<20	1.34	0.071	0.34	<0.1	0.16	3.4	0.4	0.26	4	<0.5	<0.2
STD OREAS262	Standard		0.040	17	44	1.20	249	0.003	<20	1.41	0.071	0.32	<0.1	0.15	3.2	0.4	0.26	4	<0.5	0.2
STD OXC145	Standard																			
STD OXC145	Standard																			
STD OXH139	Standard																			
STD OXH139	Standard																			
STD OXN134	Standard																			
STD OXN134	Standard																			
STD BVGEO01 Expected			0.0727	25.9	171	1.2963	340	0.233		2.347	0.1924	0.89	3.5	0.1	5.97	0.62	0.6655	7.37	4.84	1.02
STD DS11 Expected			0.0701	18.6	61.5	0.85	417	0.0976		1.129	0.0694	0.4	2.9	0.26	3.1	4.9	0.2835	4.7	2.2	4.56
STD OREAS262 Expected			0.04	15.9	41.7	1.17	248	0.003		1.204	0.071	0.312	0.13	0.17	3.24	0.47	0.253	3.73	0.4	0.23
STD OXC145 Expected																				
STD OXH139 Expected																				
STD OXN134 Expected																				
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank		<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																			
BLK	Blank																			

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Client: **Pacific Ridge Exploration Ltd.**
Suite 1100, 1111 Melville St,
Vancouver British Columbia V6E 3V6 Canada

Project: Mariposa
Report Date: August 07, 2019

QUALITY CONTROL REPORT WHI19000202.1

		WGHT	FA430	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200	AQ200
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	0.005	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	1	0.01
BLK	Blank		<0.005																		
BLK	Blank		<0.005																		
Prep Wash																					
ROCK-WHI	Prep Blank		<0.005	0.9	2.6	1.5	33	<0.1	1.1	4.1	531	2.07	4.1	2.8	2.7	29	<0.1	<0.1	<0.1	28	0.70
ROCK-WHI	Prep Blank		<0.005	1.2	4.2	1.3	32	<0.1	1.5	4.5	516	2.06	1.7	2.6	2.6	23	<0.1	<0.1	<0.1	31	0.65

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QUALITY CONTROL REPORT WHI19000202.1

		AQ200 P % 0.001	AQ200 La ppm 1	AQ200 Cr ppm 1	AQ200 Mg % 0.01	AQ200 Ba ppm 1	AQ200 Ti % 0.001	AQ200 B ppm 20	AQ200 Al % 0.01	AQ200 Na % 0.001	AQ200 K % 0.01	AQ200 W ppm 0.1	AQ200 Hg ppm 0.01	AQ200 Sc ppm 0.1	AQ200 Tl ppm 0.1	AQ200 S % 0.05	AQ200 Ga ppm 1	AQ200 Se ppm 0.5	AQ200 Te ppm 0.2
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
ROCK-WHI	Prep Blank	0.046	7	3	0.47	80	0.102	<20	1.07	0.121	0.12	0.3	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
ROCK-WHI	Prep Blank	0.044	6	3	0.51	67	0.089	<20	1.00	0.092	0.09	0.1	<0.01	2.8	<0.1	<0.05	4	<0.5	<0.2

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To: **GROUNDTRUTH EXPLORATION**
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Finalized Date: 7-NOV-2019
This copy reported on
21-NOV-2019
Account: TRUMPA

CERTIFICATE WH19251867

Project: Mariposa (MPA)

P.O. No.: 3330

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-OCT-2019.

The following have access to data associated with this certificate:

GERRY CARLSON	GREG DAWSON	JEAN POUTLER

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
SPL-21	Split sample - riffle splitter
CRU-32	Fine Crushing 90% <2mm
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA23	Au 30g FA-AA finish	AAS
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
ME-MS42	Up to 34 elements by ICP-MS	ICP-MS

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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DAWSON CITY YT Y0B 1C0

Finalized Date: 7-NOV-2019
Account: TRUMPA

Project: Mariposa (MPA)

CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
1813285		3.39	3.94	1.6	0.08	<2	<10	1500	<0.5	<2	0.03	3.4	2	24	92	0.87
1813286		1.08	0.028	<0.2	0.15	<2	<10	640	<0.5	<2	0.10	<0.5	3	11	2	1.34
1813287		1.44	5.98	0.8	0.22	<2	<10	710	<0.5	<2	0.03	<0.5	8	8	7	2.66
1813288		1.80	3.47	1.3	0.09	<2	<10	840	<0.5	<2	2.63	<0.5	7	36	7	1.93
1813289		1.72	6.98	0.2	0.10	<2	<10	230	<0.5	<2	0.03	<0.5	2	21	9	1.12
1813290		2.20	1.540	<0.2	0.04	<2	<10	2330	<0.5	<2	0.01	<0.5	<1	21	24	0.65
1813291		0.98	0.241	<0.2	0.17	<2	<10	80	<0.5	<2	0.03	<0.5	3	15	3	1.72

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Project: Mariposa (MPA)

CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOD	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
1813285		<10	<1	0.05	<10	0.01	184	20	0.01	3	70	1065	0.12	<2	1	43
1813286		<10	1	0.08	10	0.04	522	<1	0.06	4	170	5	0.01	<2	3	18
1813287		<10	<1	0.10	20	0.02	609	1	0.06	5	200	39	0.02	3	5	27
1813288		<10	<1	0.06	20	0.61	590	18	0.01	45	1060	15	0.03	<2	7	94
1813289		<10	<1	0.06	<10	0.01	449	12	0.03	4	100	9	<0.01	2	2	4
1813290		<10	<1	0.01	<10	<0.01	154	1	<0.01	3	20	20	0.06	<2	<1	62
1813291		<10	<1	0.07	10	0.02	550	5	0.04	3	150	25	<0.01	<2	2	5

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Finalized Date: 7-NOV-2019
Account: TRUMPA

Project: Mariposa (MPA)

CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method / Analyte / Units / LOD	ME-ICP41 Th ppm 20	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	ME-MS42 Te ppm 0.01
1813285		<20	<0.01	<10	<10	1	<10	538	1.25
1813286		<20	<0.01	<10	<10	5	<10	30	0.01
1813287		<20	<0.01	<10	<10	11	<10	27	0.63
1813288		<20	0.01	<10	<10	20	<10	35	10.30
1813289		<20	<0.01	<10	<10	4	<10	10	0.29
1813290		<20	<0.01	<10	<10	2	<10	3	0.12
1813291		<20	<0.01	<10	<10	14	<10	26	0.09

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Page: Appendix 1
Total # Appendix Pages: 1
Finalized Date: 7-NOV-2019
Account: TRUMPA

Project: Mariposa (MPA)

CERTIFICATE OF ANALYSIS WH19251867

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21
PUL-32m	PUL-QC	SPL-21	WEI-21

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

Au-AA23	ME-ICP41	ME-MS42

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Finalized Date: 7-NOV-2019
This copy reported on
21-NOV-2019
Account: TRUMPA

QC CERTIFICATE WH19251867

Project: Mariposa (MPA)

P.O. No.: 3330

This report is for 7 Rock samples submitted to our lab in Whitehorse, YT, Canada on 7-OCT-2019.

The following have access to data associated with this certificate:

GERRY CARLSON	GREG DAWSON	JEAN POUTLER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
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CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
SPL-21	Split sample - riffle splitter
CRU-32	Fine Crushing 90% <2mm
PUL-32m	Pulverize 500g - 85%<75um
BAG-01	Bulk Master for Storage

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
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ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
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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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Finalized Date: 7-NOV-2019
Account: TRUMPA

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method / Analyte / Units / LOD	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
STANDARDS																
CDN-CM-34			3.7	2.38	103	<10	100	<0.5	5	1.31	1.1	41	177	5800	4.29	10
Target Range - Lower Bound			3.1	2.14	93	<10	70	<0.5	<2	1.20	<0.5	36	164	5390	3.91	<10
Upper Bound			4.3	2.64	118	30	140	1.4	8	1.49	2.0	46	202	6210	4.80	30
EMOG-17			67.2	1.56	579	<10	40	<0.5	7	0.94	19.2	750	47	8410	4.57	<10
Target Range - Lower Bound			60.1	1.45	520	<10	30	<0.5	<2	0.87	17.9	679	42	7780	4.18	<10
Upper Bound			73.9	1.79	640	20	80	1.5	10	1.09	22.9	833	54	8960	5.14	30
G313-5		7.06														
Target Range - Lower Bound		6.64														
Upper Bound		7.50														
MRGeo08			4.4	2.54	33	<10	430	0.7	2	1.02	2.3	19	89	611	3.49	10
Target Range - Lower Bound			3.8	2.44	27	<10	370	<0.5	<2	1.00	1.1	16	81	586	3.22	<10
Upper Bound			5.1	3.00	39	20	530	1.9	5	1.24	3.4	22	102	676	3.96	30
OREAS 501b			0.8	2.02	24	<10	380	<0.5	3	0.98	<0.5	16	87	2690	4.06	10
Target Range - Lower Bound																
Upper Bound																
OREAS 604			>100	0.76	1010	<10	10	<0.5	27	0.59	15.4	45	32	>10000	2.84	10
Target Range - Lower Bound			443		867		<10	<0.5	22	0.52	13.5	37		20100		<10
Upper Bound			100.0		1065		20	1.3	32	0.66	17.6	48		>10000		30
PMP-18		0.310														
Target Range - Lower Bound		0.285														
Upper Bound		0.331														
BLANKS																
BLANK		<0.005														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
BLANK			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Target Range - Lower Bound			<0.2	<0.01	<2	<10	<10	<0.5	<2	<0.01	<0.5	<1	<1	<1	<0.01	<10
Upper Bound			0.4	0.02	4	20	20	1.0	4	0.02	1.0	2	2	2	0.02	20

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Finalized Date: 7-NOV-2019
Account: TRUMPA

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
STANDARDS																
CDN-CM-34		<1	1.18	10	2.44	299	257	0.11	230	1130	24	2.91	5	9	104	<20
Target Range - Lower Bound		<1	1.06	<10	2.27	269	245	0.08	204	1050	18	2.70	<2	8	92	<20
Upper Bound		2	1.32	30	2.80	340	301	0.13	252	1310	28	3.32	9	13	115	40
EMOG-17		<1	0.64	20	0.77	647	1040	0.17	7770	760	7170	3.09	673	5	53	<20
Target Range - Lower Bound		<1	0.60	<10	0.69	598	970	0.15	6930	680	6500	2.90	572	3	47	<20
Upper Bound		3	0.76	40	0.87	742	1190	0.20	8470	850	7950	3.56	778	7	59	50
G313-5																
Target Range - Lower Bound																
Upper Bound																
MRGeo08		<1	1.20	30	1.11	408	13	0.32	690	970	1045	0.29	4	7	78	20
Target Range - Lower Bound		<1	1.12	20	1.03	378	12	0.30	621	900	957	0.27	<2	5	71	<20
Upper Bound		2	1.40	60	1.29	473	17	0.39	761	1130	1175	0.35	8	10	89	60
OREAS 501b		<1	1.07	30	1.20	385	91	0.16	42	1030	9	0.36	2	7	64	20
Target Range - Lower Bound																
Upper Bound																
OREAS 604		1	0.16	10	0.10	227	6	0.05	672	230	694	4.11	123	1	38	<20
Target Range - Lower Bound		<1		<10			2		584		631		105	<1	33	<20
Upper Bound		3		30			6		716		775		147	2	42	40
PMP-18																
Target Range - Lower Bound																
Upper Bound																
BLANKS																
BLANK																
Target Range - Lower Bound																
Upper Bound																
BLANK		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Target Range - Lower Bound		<1	<0.01	<10	<0.01	<5	<1	<0.01	<1	<10	<2	<0.01	<2	<1	<1	<20
Upper Bound		2	0.02	20	0.02	10	2	0.02	2	20	4	0.02	4	2	2	40

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **GROUNDTRUTH EXPLORATION**
PO BOX 70
DAWSON CITY YT Y0B 1C0

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method / Analyte / Units / LOD	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	ME-MS42 Te ppm 0.01
STANDARDS								
CDN-CM-34		0.18	<10	<10	101	10	170	0.59
Target Range - Lower Bound		0.15	<10	<10	95	<10	159	
Upper Bound		0.21	20	20	118	30	199	
EMOG-17		0.21	<10	<10	62	<10	7380	1.26
Target Range - Lower Bound		0.18	<10	<10	58	<10	6780	1.18
Upper Bound		0.25	20	20	74	20	8290	1.46
G313-5								
Target Range - Lower Bound								
Upper Bound								
MRGeo08		0.37	<10	<10	96	<10	748	0.02
Target Range - Lower Bound		0.33	<10	<10	90	<10	708	<0.01
Upper Bound		0.43	20	30	112	20	870	0.04
OREAS 501b		0.35	<10	<10	110	<10	78	0.08
Target Range - Lower Bound								0.05
Upper Bound								0.10
OREAS 604		0.01	10	<10	9	<10	2490	26.8
Target Range - Lower Bound		<0.01	<10	<10		<10		22.8
Upper Bound		0.03	30	20		20		27.8
PMP-18								
Target Range - Lower Bound								
Upper Bound								
BLANKS								
BLANK								
Target Range - Lower Bound								
Upper Bound								
BLANK		<0.01	<10	<10	<1	<10	<2	<0.01
Target Range - Lower Bound		<0.01	<10	<10	<1	<10	<2	<0.01
Upper Bound		0.02	20	20	2	20	4	0.02

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

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To: **GROUNDTRUTH EXPLORATION**
PO BOX 70
DAWSON CITY YT Y0B 1C0

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method / Analyte / Units / LOD	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01	ME-ICP41 Ga ppm 10
DUPLICATES																
ORIGINAL		<0.005														
DUP		0.006														
Target Range - Lower Bound		<0.005														
Upper Bound		0.010														
ORIGINAL		0.028														
DUP		0.033														
Target Range - Lower Bound		0.024														
Upper Bound		0.037														
ORIGINAL			<0.2	0.27	13	<10	40	0.6	<2	0.07	<0.5	4	5	2	1.12	<10
DUP			<0.2	0.28	15	<10	40	0.6	<2	0.08	<0.5	4	5	2	1.16	<10
Target Range - Lower Bound			<0.2	0.25	11	<10	30	<0.5	<2	0.06	<0.5	3	4	<1	1.07	<10
Upper Bound			0.4	0.30	17	20	50	1.0	4	0.09	1.0	5	6	3	1.21	20
1813286		0.028														
DUP		0.032														
Target Range - Lower Bound		0.024														
Upper Bound		0.037														

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **GROUNDTRUTH EXPLORATION**
PO BOX 70
DAWSON CITY YT Y0B 1C0

Finalized Date: 7-NOV-2019
Account: TRUMPA

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th
	Units	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
	LOD	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1	20
DUPLICATES																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL																
DUP																
Target Range - Lower Bound																
Upper Bound																
ORIGINAL		<1	0.21	20	0.06	643	2	0.03	3	130	11	0.36	<2	1	4	20
DUP		<1	0.22	30	0.07	660	2	0.03	2	140	11	0.37	<2	1	4	20
Target Range - Lower Bound		<1	0.19	<10	0.05	614	<1	0.02	<1	120	8	0.34	<2	<1	3	<20
Upper Bound		2	0.24	40	0.08	689	3	0.04	4	150	14	0.39	4	2	5	40
1813286																
DUP																
Target Range - Lower Bound																
Upper Bound																

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

ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **GROUNDTRUTH EXPLORATION**
PO BOX 70
DAWSON CITY YT Y0B 1C0

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

Sample Description	Method / Analyte / Units / LOD	ME-ICP41 Ti % 0.01	ME-ICP41 Tl ppm 10	ME-ICP41 U ppm 10	ME-ICP41 V ppm 1	ME-ICP41 W ppm 10	ME-ICP41 Zn ppm 2	ME-MS42 Te ppm 0.01
		DUPLICATES						
ORIGINAL								
DUP								
Target Range - Lower Bound								
Upper Bound								
ORIGINAL								
DUP								
Target Range - Lower Bound								
Upper Bound								
ORIGINAL		<0.01	<10	<10	3	<10	22	0.02
DUP		<0.01	<10	<10	4	<10	24	0.01
Target Range - Lower Bound		**<0.01**	**<10**	**<10**	**2**	**<10**	**20**	**<0.01**
Upper Bound		**0.02**	**20**	**20**	**5**	**20**	**26**	**0.02**
1813286								
DUP								
Target Range - Lower Bound								
Upper Bound								

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

ALS Canada Ltd.
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North Vancouver BC V7H 0A7
Phone: +1 (604) 984 0221 Fax: +1 (604) 984 0218
www.alsglobal.com/geochemistry

To: **GROUNDTRUTH EXPLORATION**
PO BOX 70
DAWSON CITY YT Y0B 1C0

Project: Mariposa (MPA)

QC CERTIFICATE OF ANALYSIS WH19251867

CERTIFICATE COMMENTS

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Whitehorse located at 78 Mt. Sima Rd, Whitehorse, YT, Canada.

BAG-01	CRU-32	CRU-QC	LOG-21
PUL-32m	PUL-QC	SPL-21	WEI-21

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

Au-AA23	ME-ICP41	ME-MS42

APPENDIX III

2017 Trench Geology Maps

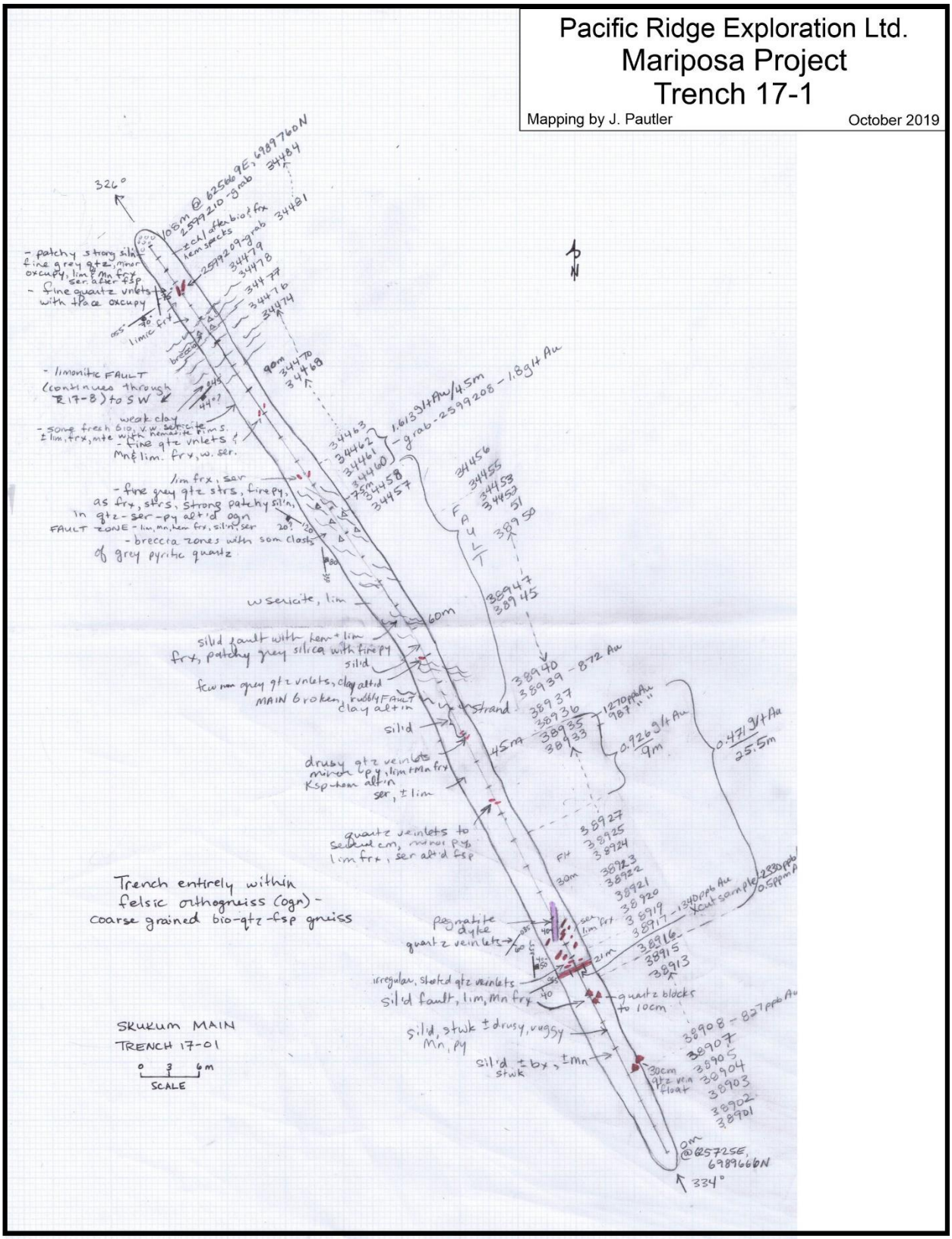


Figure 1. Geology – Trench 17-01

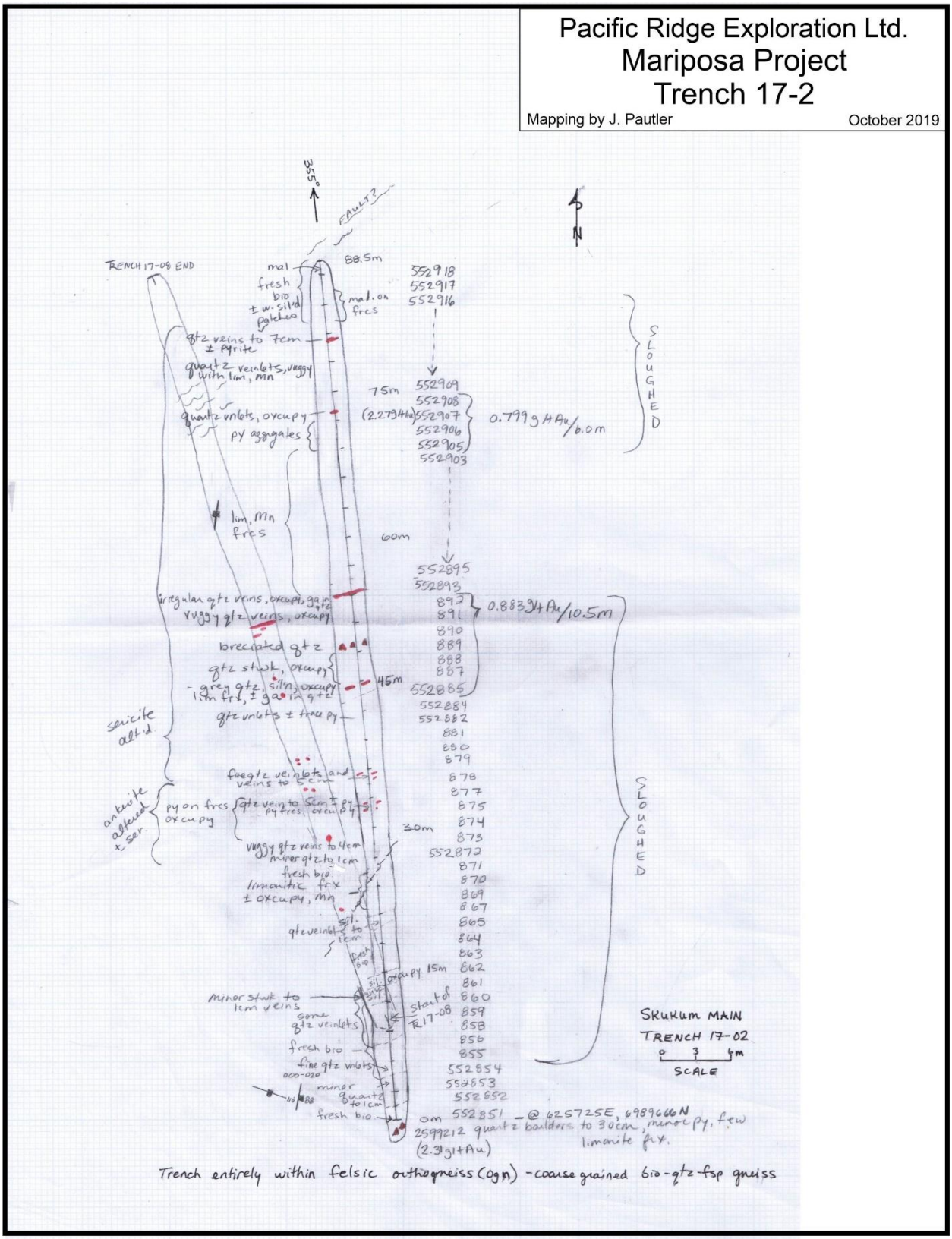


Figure 2. Geology – Trench 17-2.

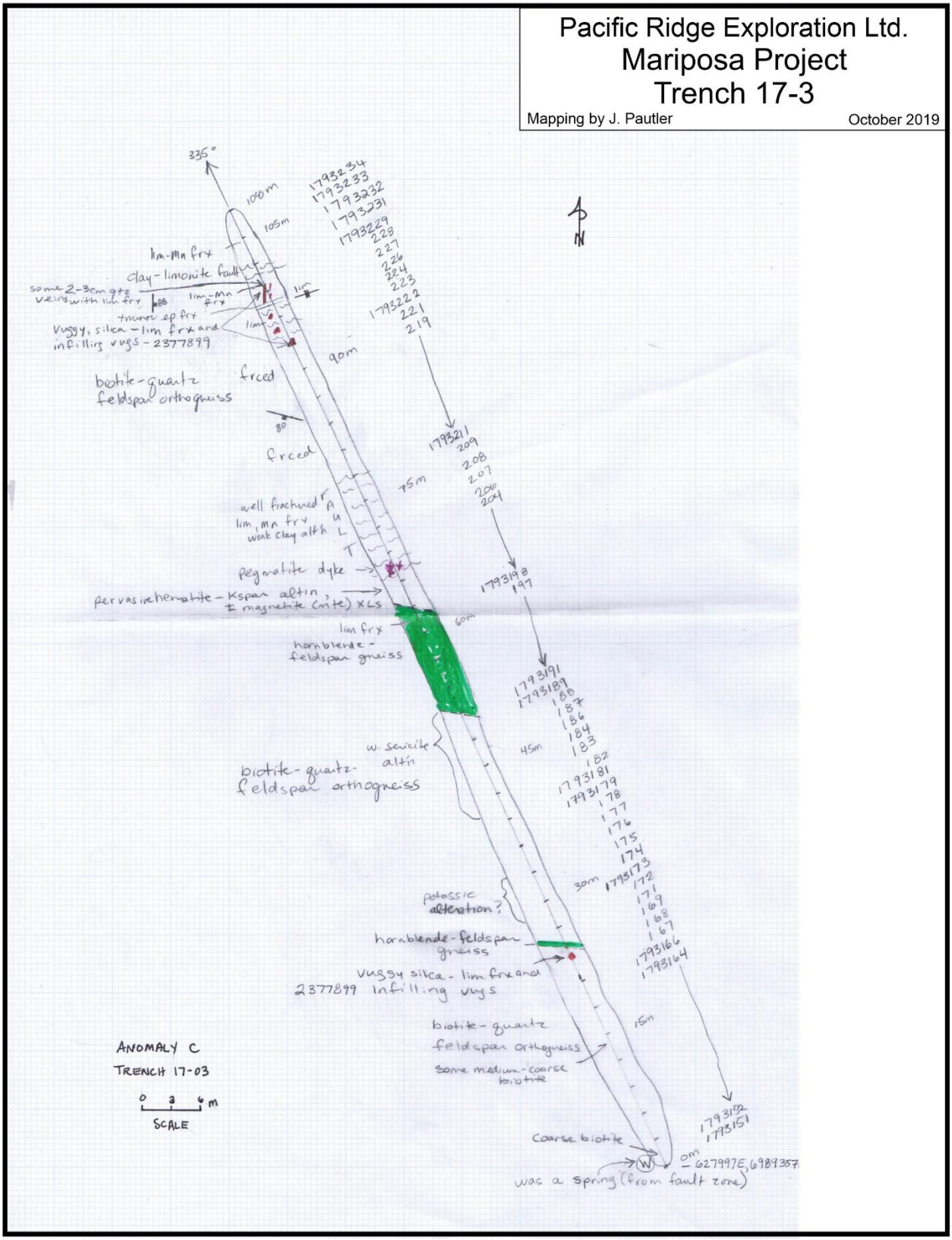


Figure 3. Geology – Trench 17-3.

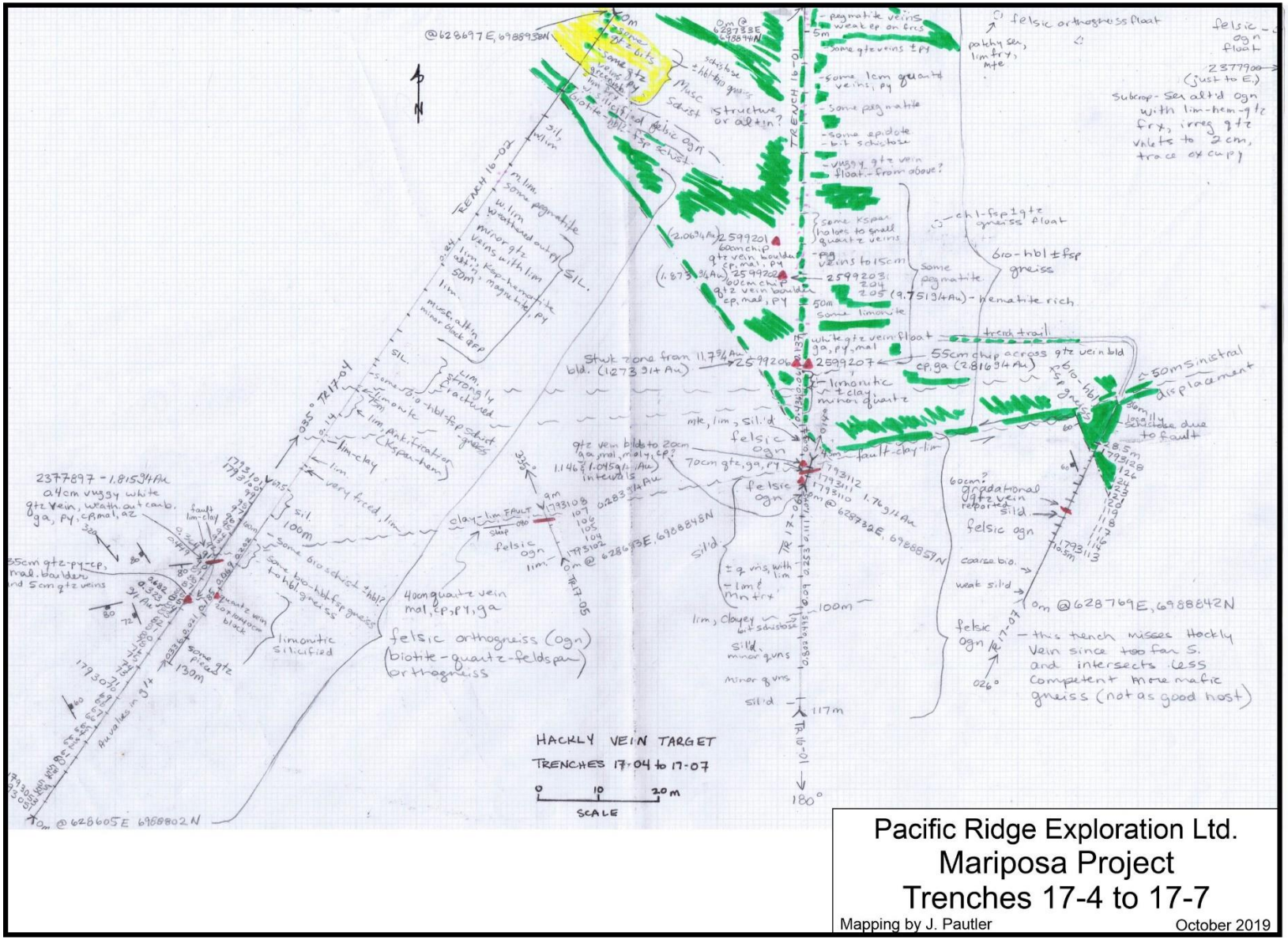


Figure 4. Geology – Trenches 17-4 to 17-7.

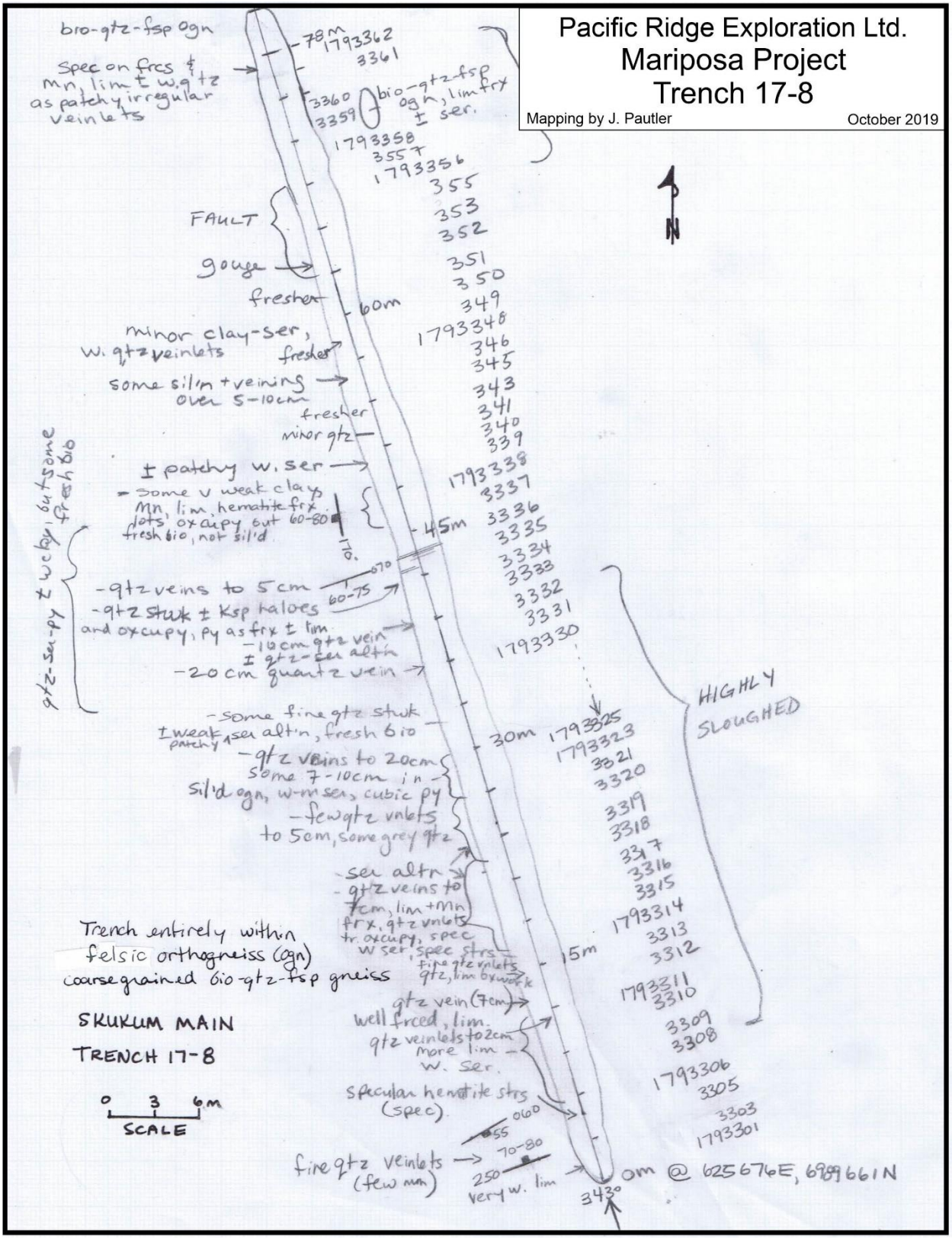


Figure 5. Geology – Trench 17-8.

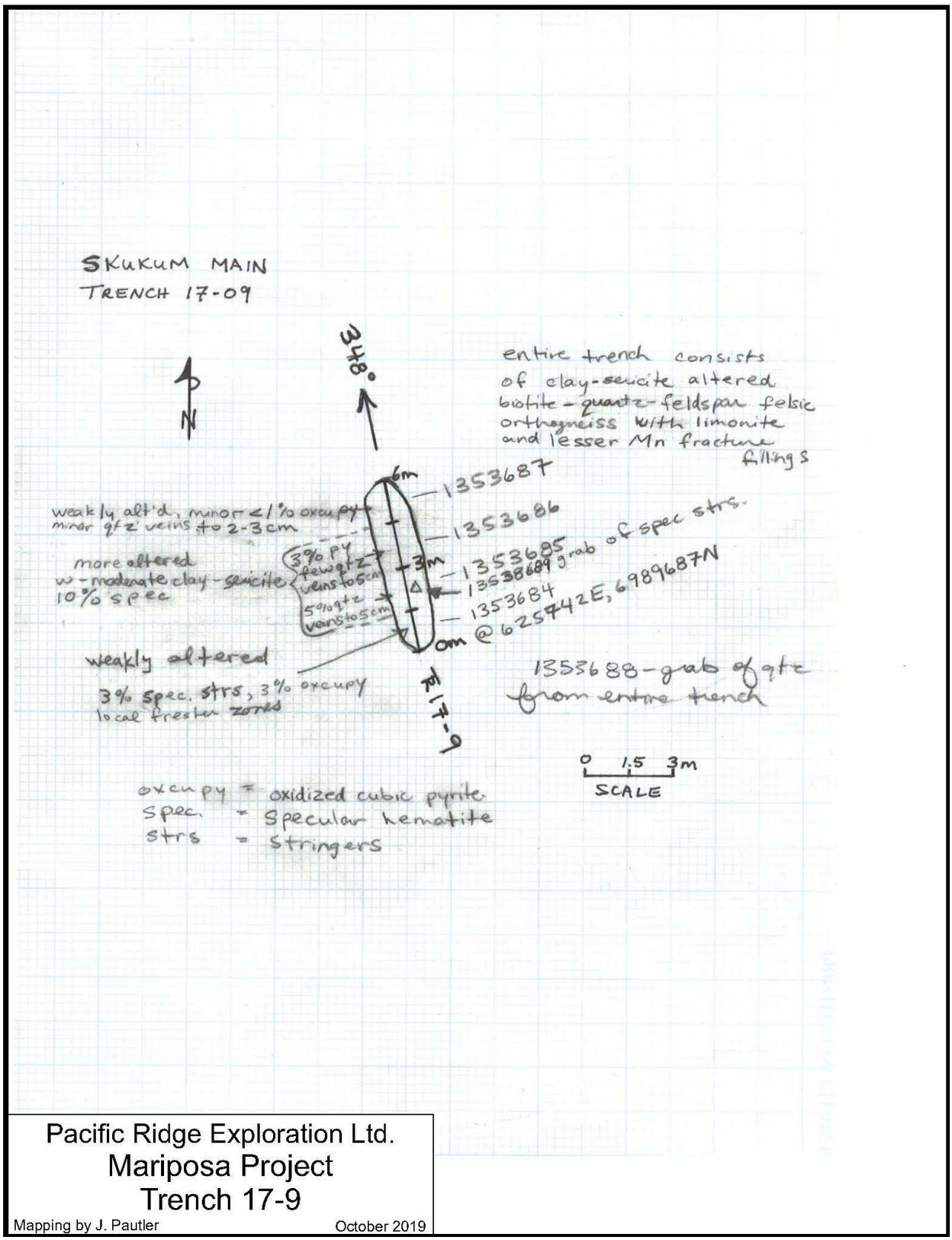
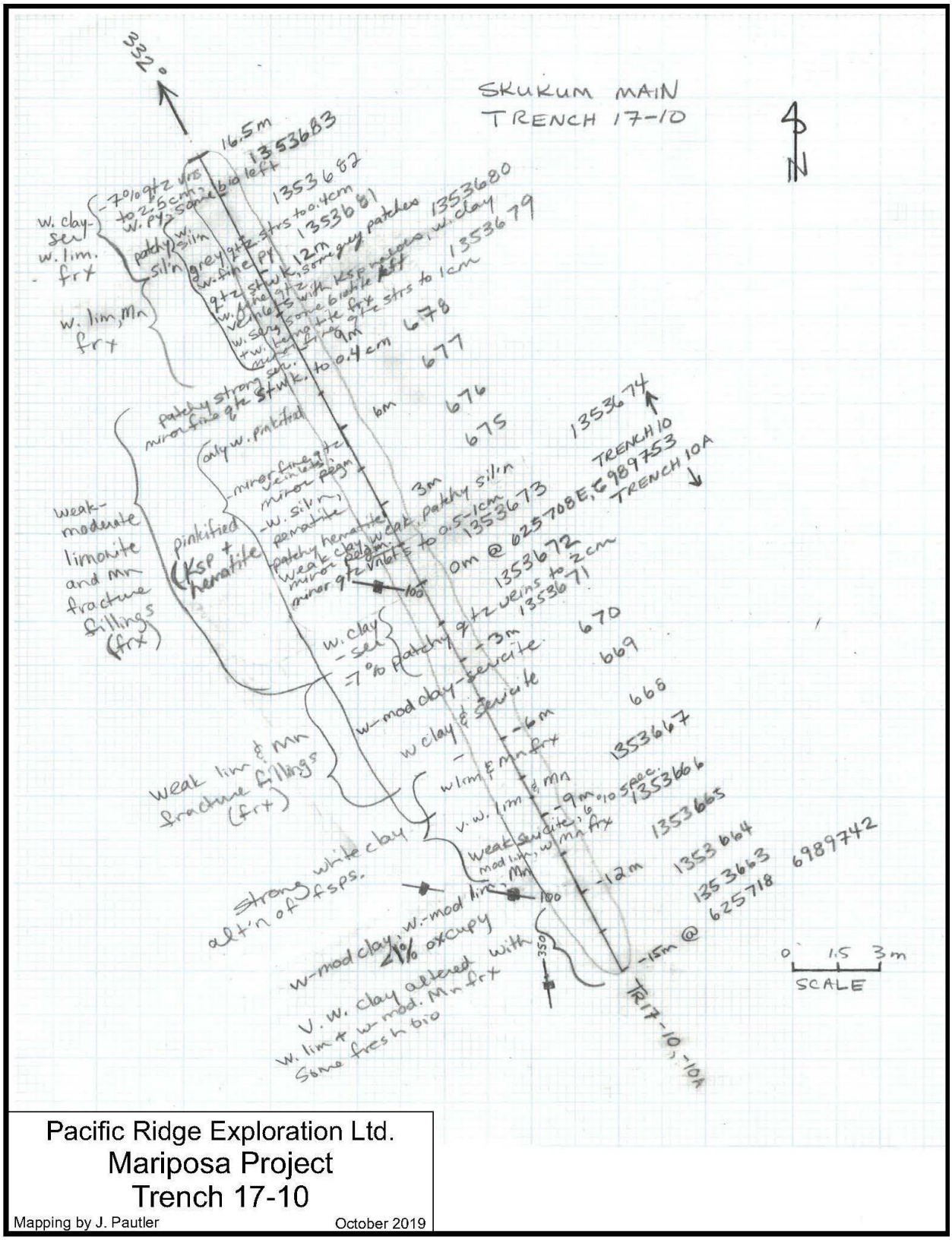


Figure 6. Geology – Trench 17-9.



Pacific Ridge Exploration Ltd.
Mariposa Project
Trench 17-10
Mapping by J. Pautler
October 2019

Figure 7. Geology – Trench 10.

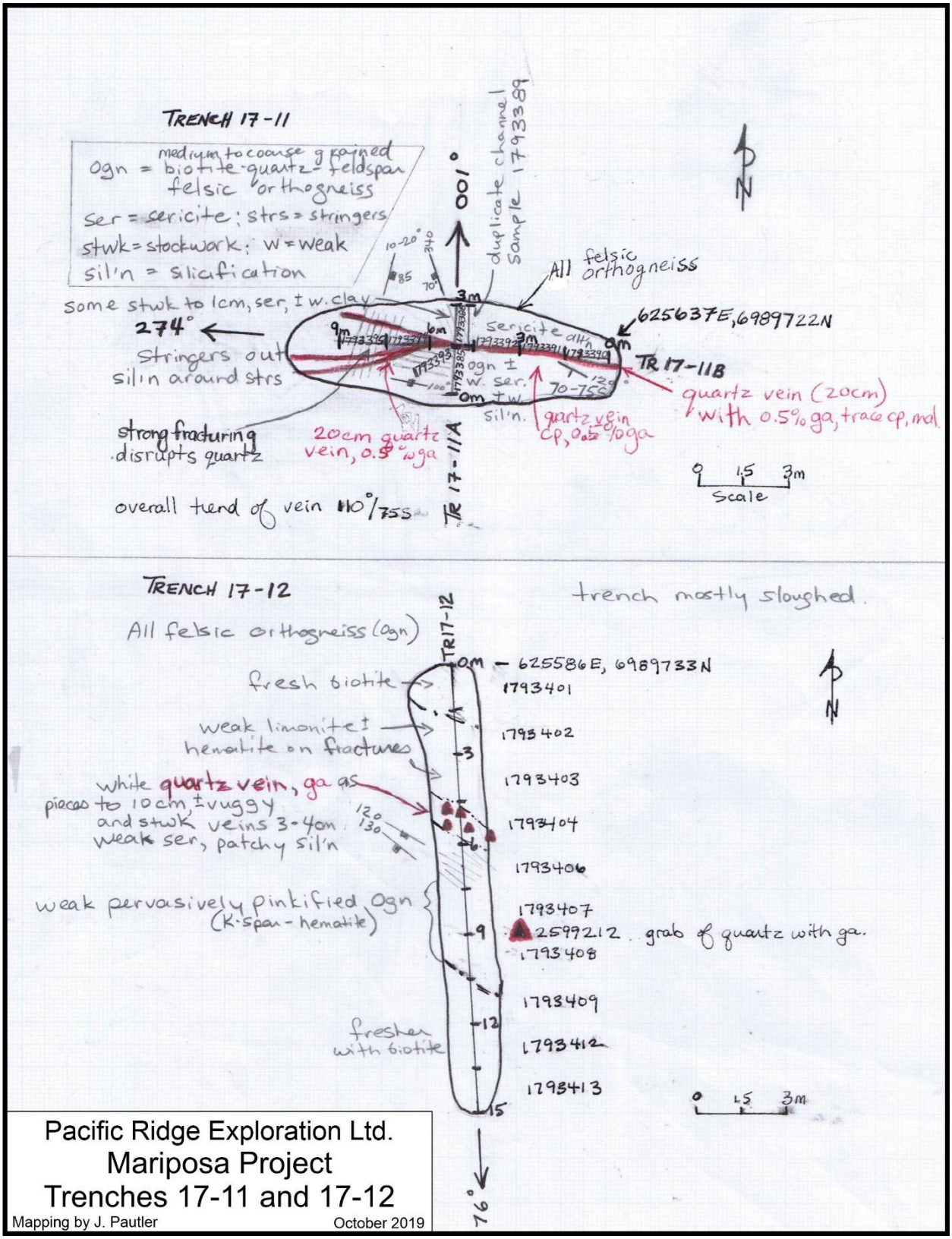
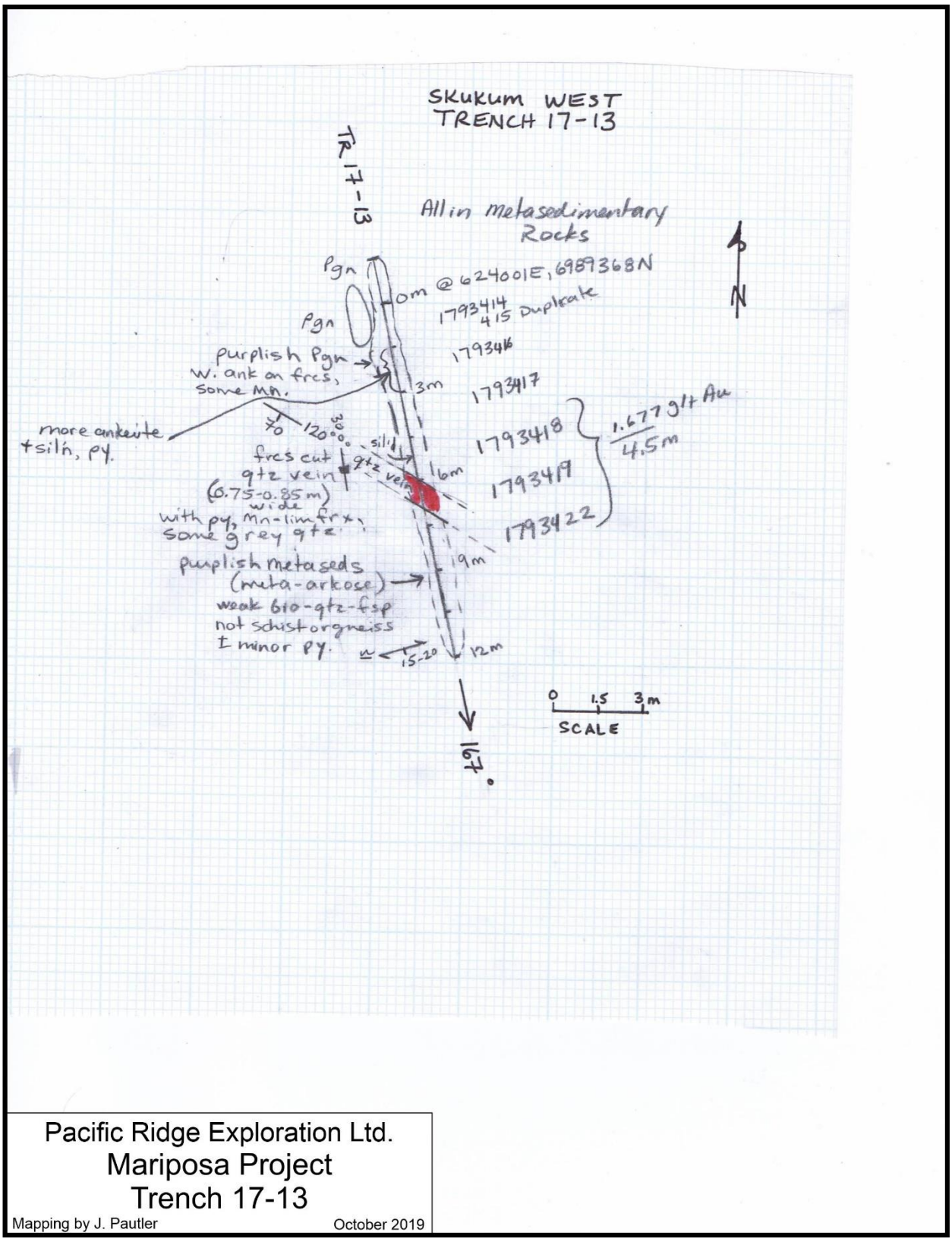
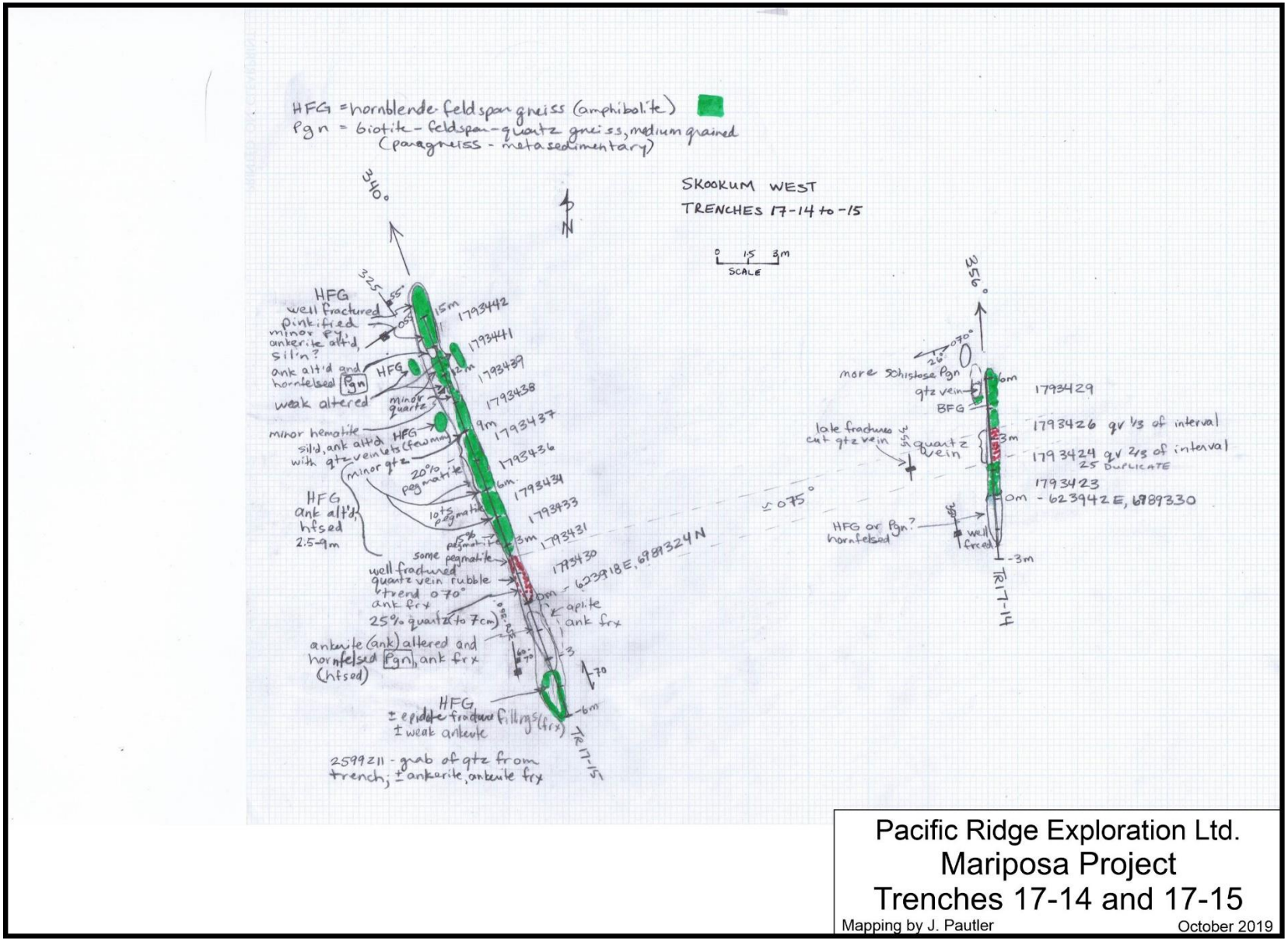


Figure 8. Geology – Trench 17-11 and 17-12.



Pacific Ridge Exploration Ltd.
Mariposa Project
Trench 17-13
Mapping by J. Pautler October 2019

Figure 9. Geology – Trench 17-13.



Pacific Ridge Exploration Ltd.
Mariposa Project
Trenches 17-14 and 17-15
Mapping by J. Pautler
October 2019

Figure 10. Geology – Trenches 17-14 and 17-15.

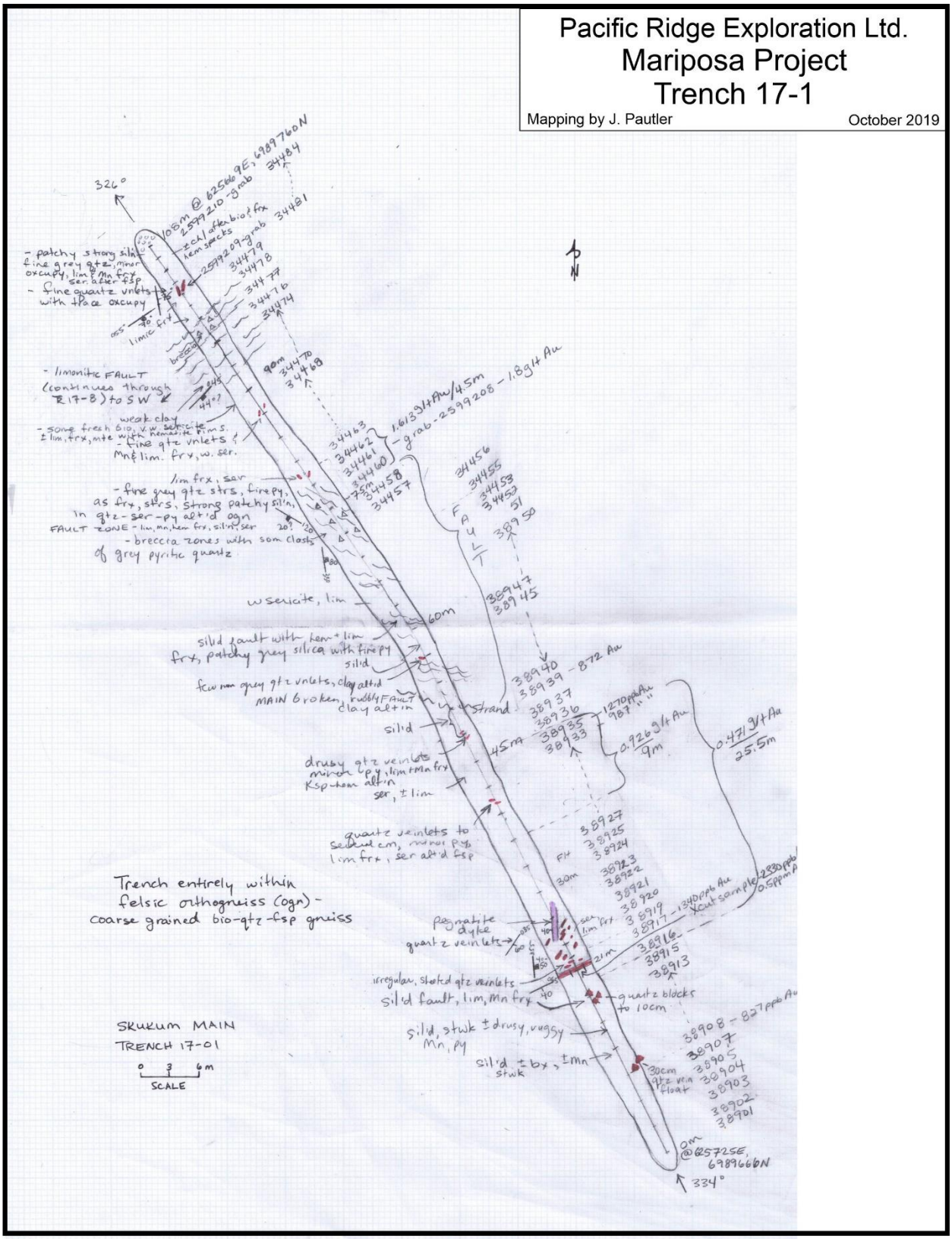


Figure 1. Geology – Trench 17-01

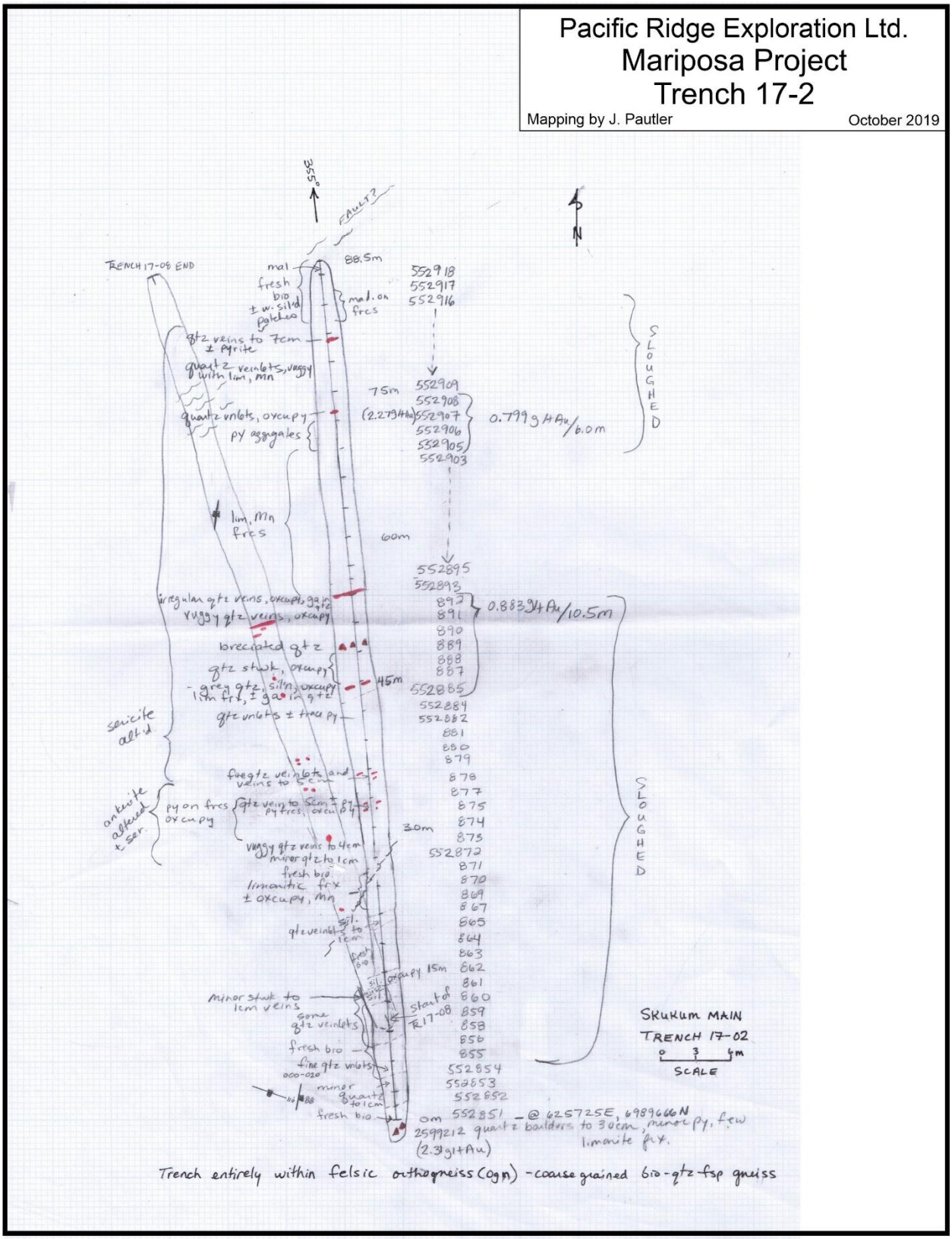


Figure 2. Geology – Trench 17-2.

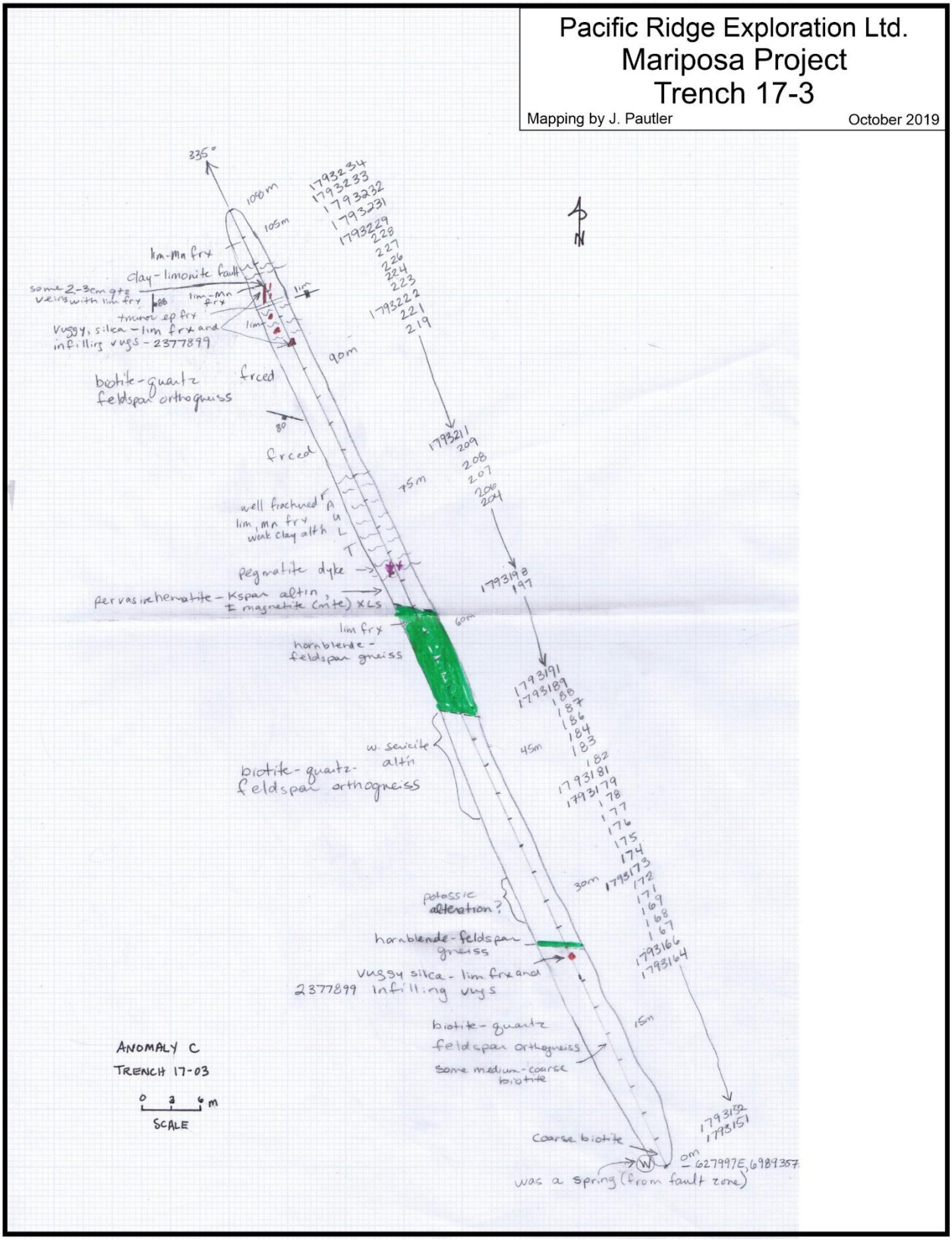


Figure 3. Geology – Trench 17-3.

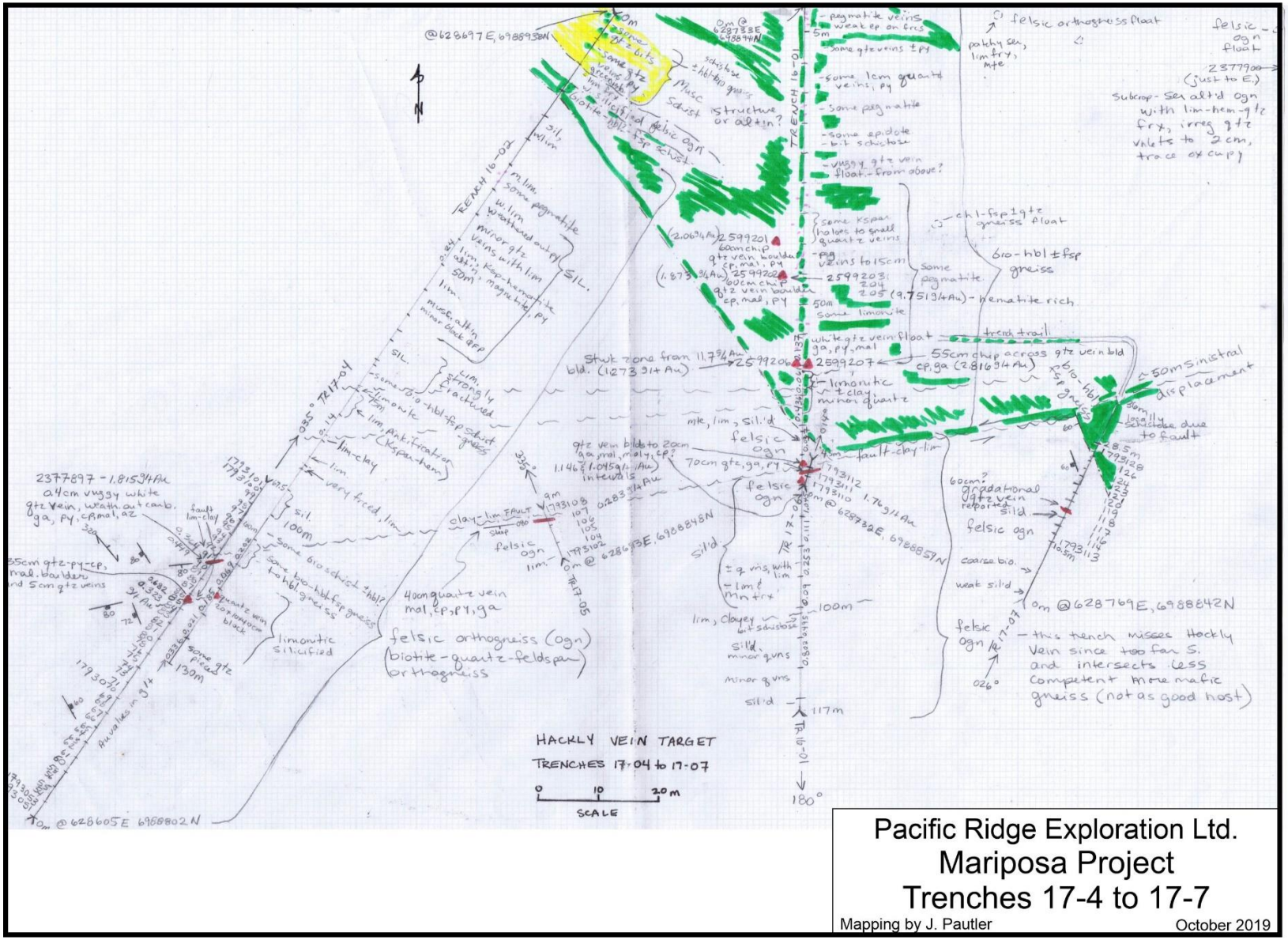


Figure 4. Geology – Trenches 17-4 to 17-7.

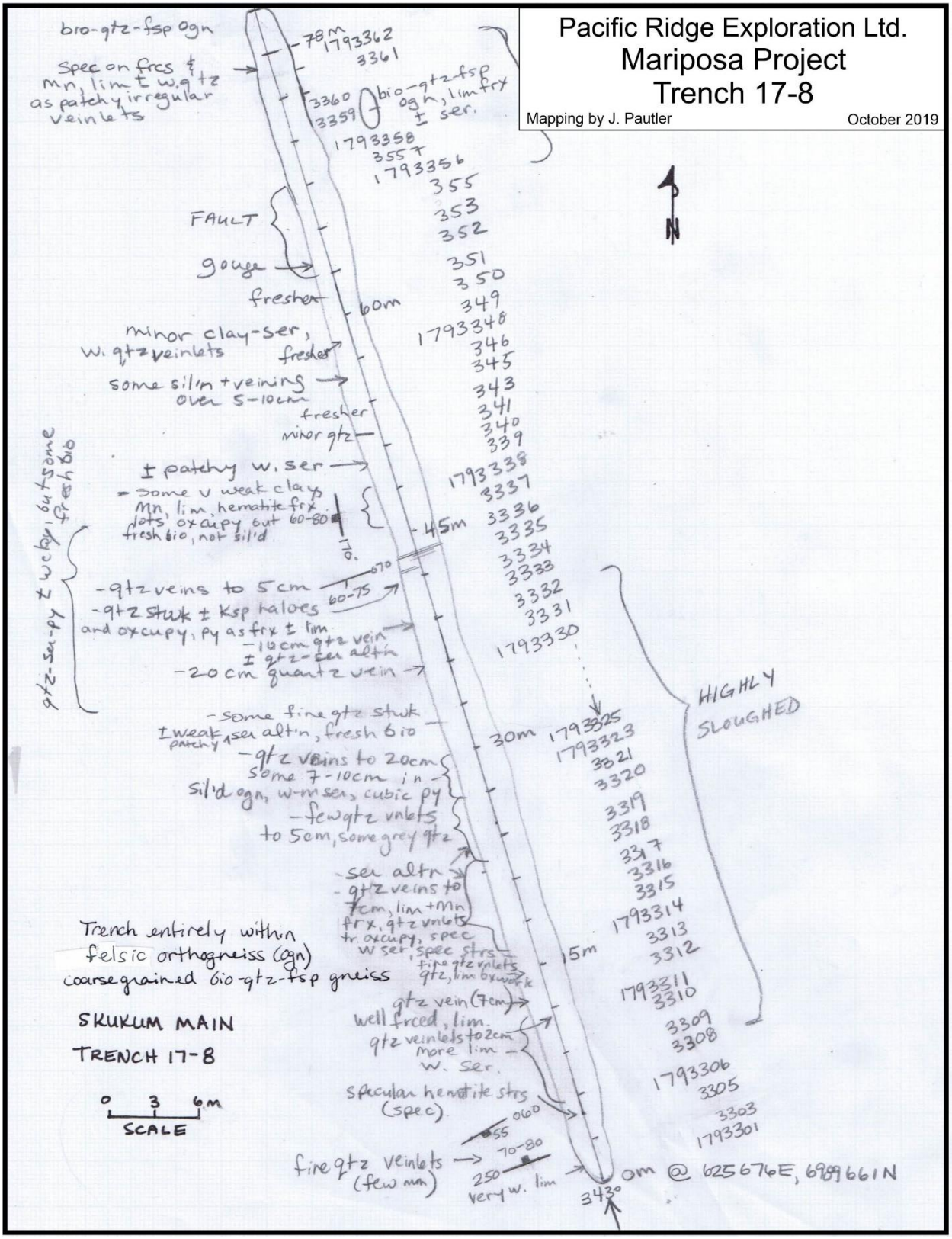


Figure 5. Geology – Trench 17-8.

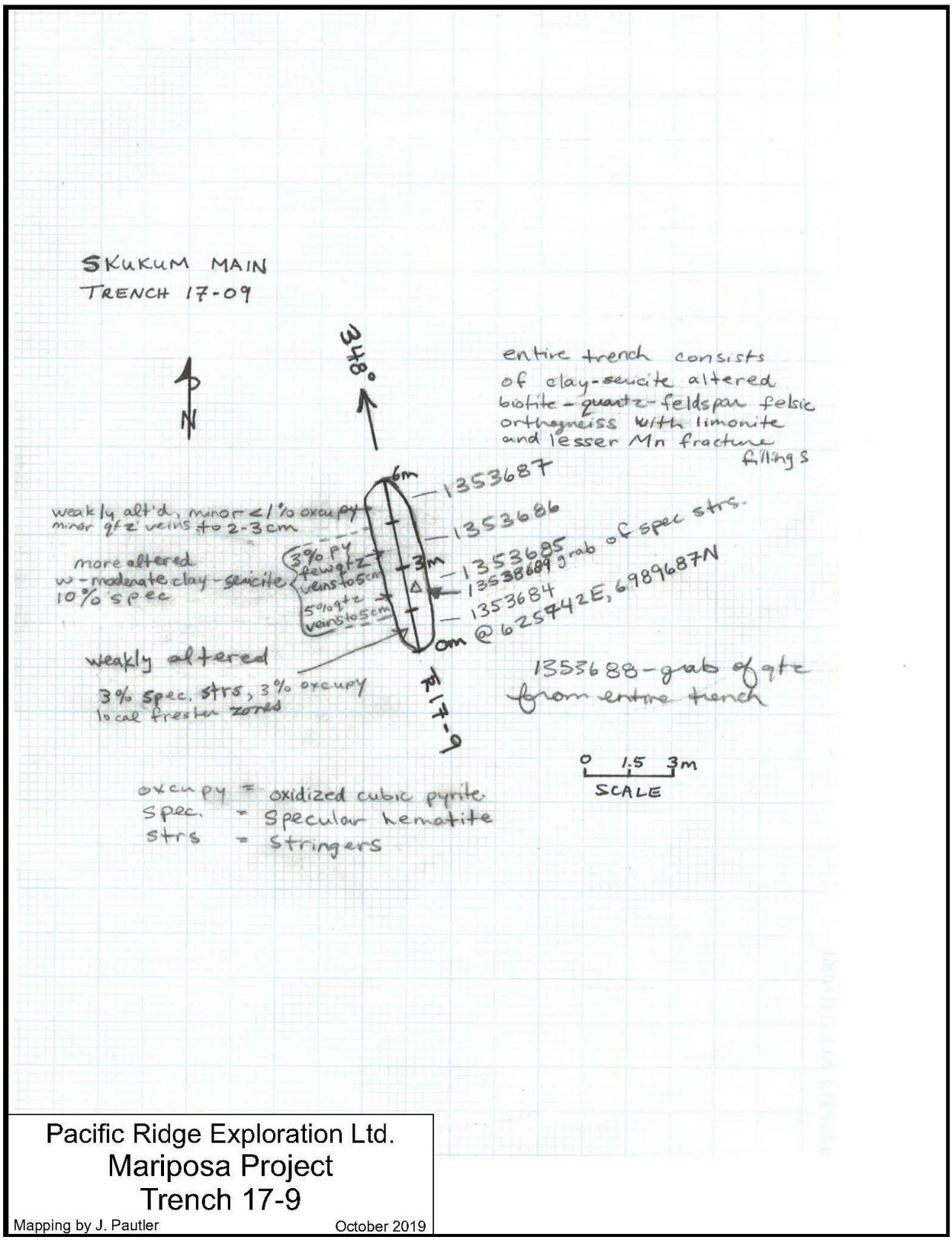


Figure 6. Geology – Trench 17-9.

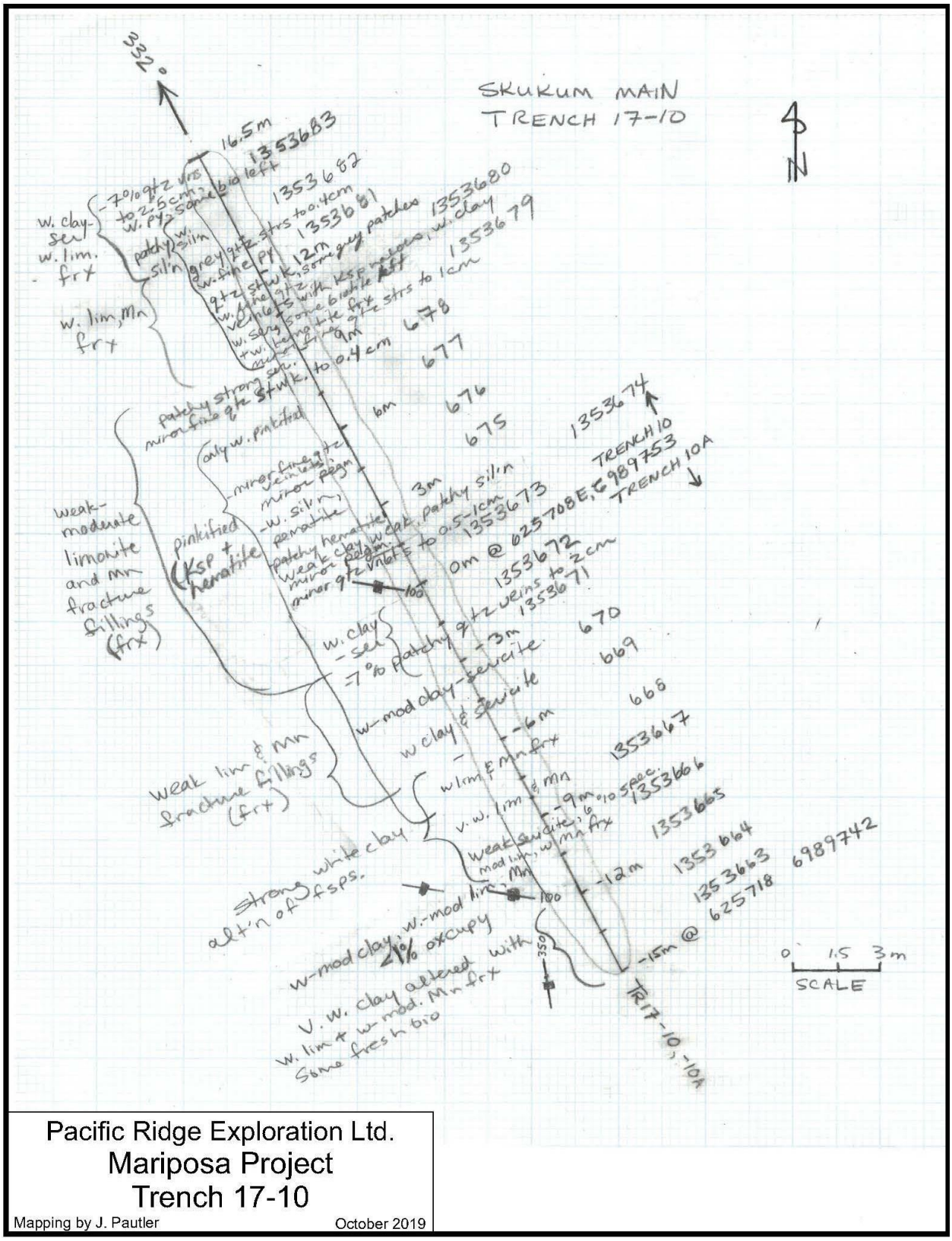


Figure 7. Geology – Trench 10.

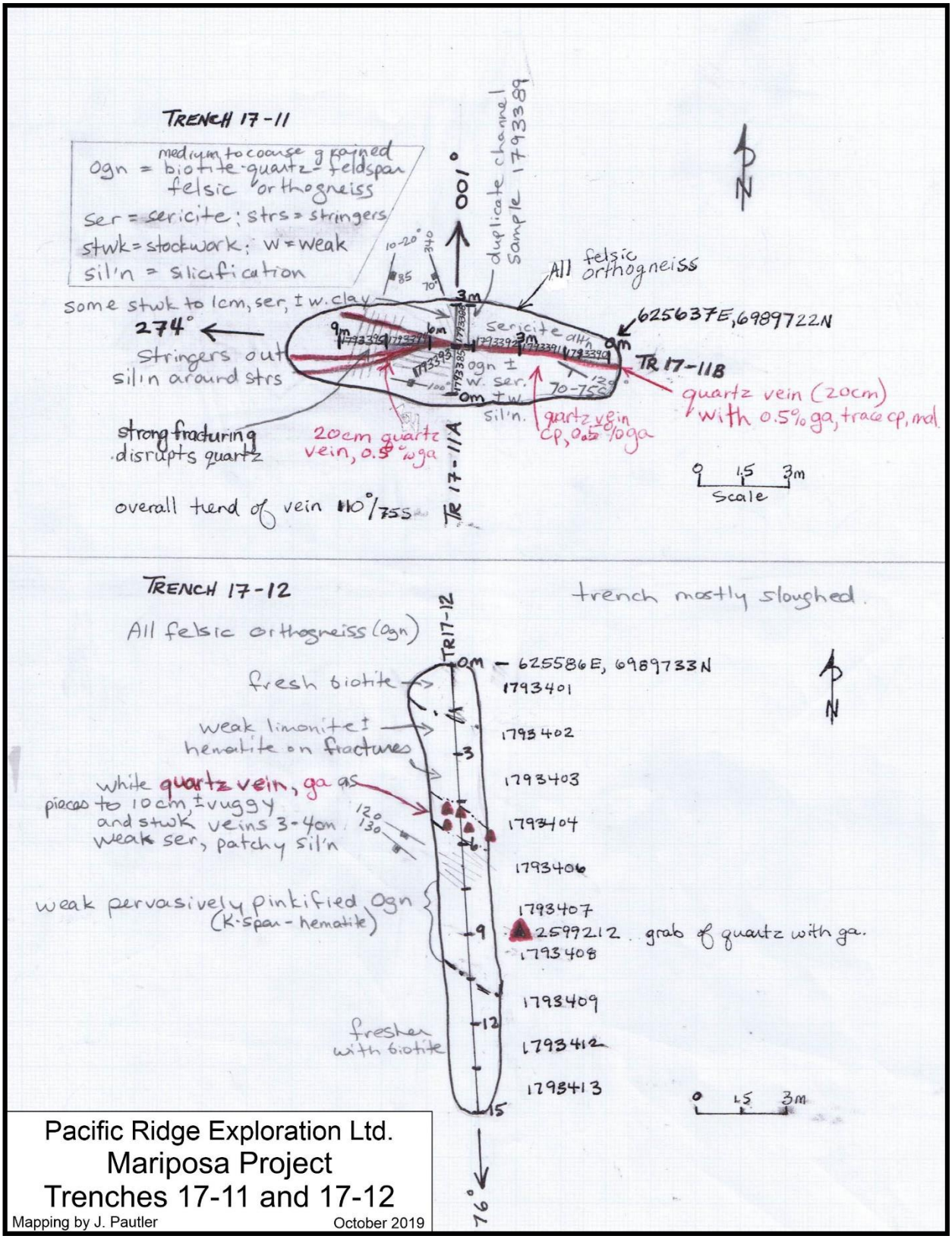
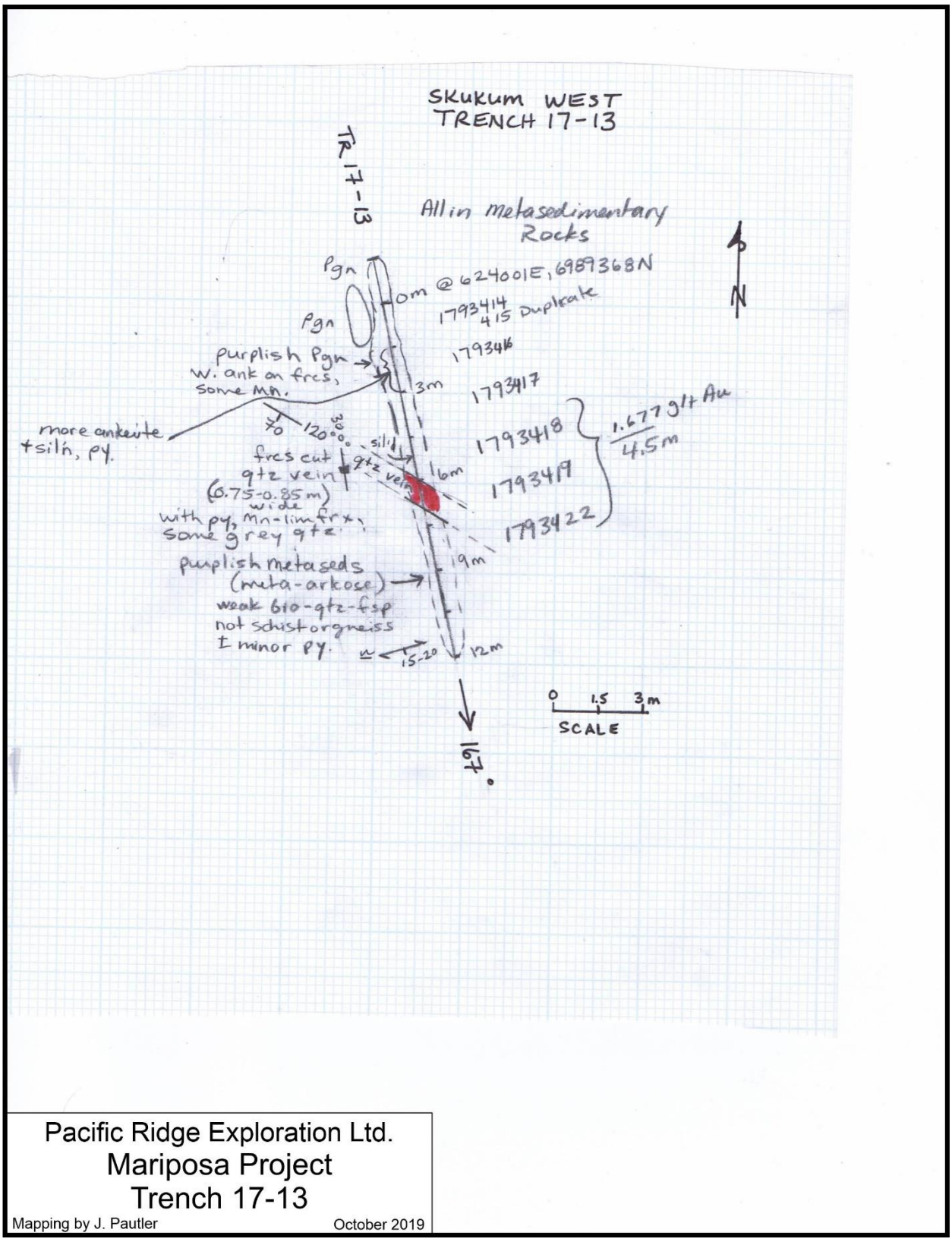


Figure 8. Geology – Trench 17-11 and 17-12.



Pacific Ridge Exploration Ltd.
Mariposa Project
Trench 17-13
Mapping by J. Pautler October 2019

Figure 9. Geology – Trench 17-13.

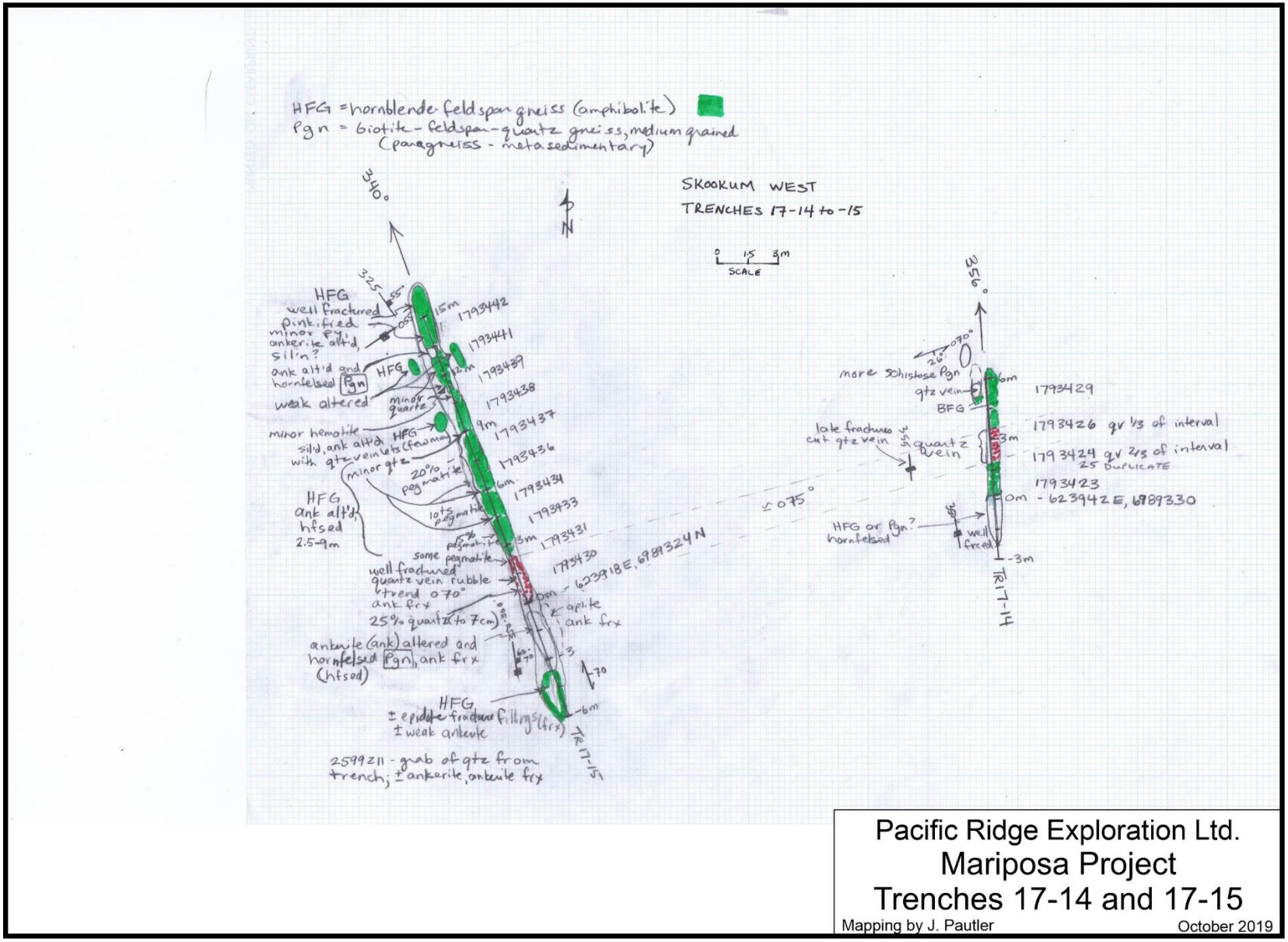


Figure 10. Geology – Trenches 17-14 and 17-15.

APPENDIX IV

Invoices

Invoice No. 558

EXPLORATION SERVICES INC.

#103-108 Elliott St.
Whitehorse, Y.T.
Y1A 6C4

Phone: 867-821-4299
jpexpls@gmail.com

INVOICE

August 31, 2019

Pacific Ridge Exploration Ltd.
Vancouver, British Columbia

Mariposa Project, Yukon

Between July 4 and August 31, 2019

Field & office work (see time sheet)	8 days @ $600.00/day	$4,800.00
Truck (Dawson to/from airport, drop off Morgan)	50 km x 0.75/km	37.50
Meals & Accommodation (motorhome)	2 days @ $75/day	150.00
Field supplies (sample bags, tags, flagging)	5 days @ $15/day	75.00
Subtotal		**$5,062.50**
GST (5%)		253.13
TOTAL DUE		$**5,315.63**

Jean Pautler, President
JP Exploration Services Inc.

GST No. 88403 8217 RT0001

Please make cheque payable to JP Exploration Services Inc.
Invoice payable 15 days from above date. Interest payable at the rate of 15% per annum on overdue accounts.

Time Sheet

Date	Description	Days
July 4	To Scroggie strip, cut out road to top, map Hackly trenches 17-04 to -07	1
July 5	Hackly prospecting, Anomaly C & trench 17-03	1
July 6	Map Skukum Main trenches 17-01, 17-09, 17-10 & sample 17-09, 17-10	1
July 7	Skukum West trenches 17-13 to -15, prospect through Skukum North to camp	1
July 8	Map Skukum Main trenches 17-02, 17-08, 17-11, 17-12	1
July 9	Pack samples, sample descriptions, photos, demob to Dawson – delay due to smoke & rescue by local helicopter, ship samples	1
Aug 6	Trench maps 17-08, -11 to -15	0.5
Aug 7	Trench maps 17-09 to -10	0.5
Aug 29	Trench maps 17-01 to -03	0.5
Aug 31	Trench maps 17-04 to -07, add to waypoints	0.5
TOTAL		**8**

Invoice No. 562

EXPLORATION SERVICES INC.

#103-108 Elliott St.
Whitehorse, Y.T.
Y1A 6C4

Phone: 867-821-4299
jpexpls@gmail.com

INVOICE

October 10, 2019

Pacific Ridge Exploration Ltd.
Vancouver, British Columbia

Mariposa Project, Yukon

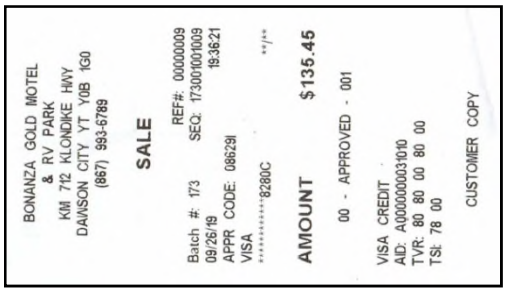
Between September 25 and October 10, 2019

Field & office work (see time sheet)	2 days @ $600.00/day	$1,200.00
Meals	1.5 days @ $30/day	45.00
Equipment rental (satellite phone)	1 day @ $20/day	20.00
Field supplies (sample bags, tags, flagging)	1 day @ $15/day	15.00
Subtotal		**$1,280.00**
GST (5%)		64.00
Disbursements (see below)	Accommodation	135.45
TOTAL DUE		**$1,479.45**

Jean Pautler, President
JP Exploration Services Inc.

GST No. 88403 8217 RT0001

Please make cheque payable to JP Exploration Services Inc. Invoice payable 15 days from above date. Interest payable at the rate of 15% per annum on overdue accounts.


BONANZA GOLD MOTEL
& RV PARK
KM 712 KLONDIKE HWY
DAWSON CITY YT Y0B 1G0
(867) 993-6789

SALE

REF#: 00000009
SEQ: 173001001009
19:36:21

Batch #: 173
09/26/19
APPR CODE: 08629I
VISA **/**
**********8280C

AMOUNT $135.45

00 - APPROVED - 001

VISA CREDIT
AID: A0000000031010
TVR: 80 80 00 80 00
TSI: 78 00

CUSTOMER COPY

Time Sheet

Date	Description	Days
September 25	Organize trench reclamation, to Scroggie airstrip, review, enter GPS data	0.5
September 26	Evaluate & photograph Skukum West trenches, demob to Dawson	1
September 27	Pack samples, sample descriptions, organize photos, review reclamation with GD	NC
October 2	Logistics memo re July program	0.1
October 10	Memo re September program	0.4
TOTAL		**2**

NC denotes no charge

Expenditures

Date	Room	GST	Description	Total
September 26	129.00	6.45	Motel, JP - **cold night!**	135.45
TOTAL	**129.00**	**6.45**		**135.45**

Invoice No. 566

EXPLORATION SERVICES INC.

#103-108 Elliott St.
Whitehorse, Y.T.
Y1A 6C4

Phone: 867-821-4299
jpexpls@gmail.com

INVOICE

November 24, 2019

Pacific Ridge Exploration Ltd.
Vancouver, British Columbia

Mariposa Project, Yukon

Between October 20 and 27, 2019

Memo (see time sheet)	1 day @ $600.00/day	$600.00
GST (5%)		30.00
TOTAL DUE		**$630.00**

Jean Pautler, President
JP Exploration Services Inc.

GST No. 88403 8217 RT0001

Please make cheque payable to JP Exploration Services Inc.
Invoice payable 15 days from above date. Interest payable at the rate of 15% per annum on overdue accounts.

Time Sheet

Date	Description	Days
October 20	Memo re trench geology – Hackly area, July program	0.2
October 21	Memo re trench geology – Skookum West, July program	0.2
October 27	Memo re trench geology – Main zone, July program	0.6
TOTAL		**1**

Invoice 19006

Spere Exploration Inc.

Box 1381
Dawson City, Yukon
Y0B 1G0
867-332-4448
morgan@spere-ex.com

Date
July 13, 2019

To
Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville Street
Vancouver BC V6E 3V6
Canada

Quantity	Description	Unit Price	Total
6 days	Prospector Morgan Fraughton assisting Jean Pautler with, trench mapping, trench sampling, and prospecting of Pacific Ridge Exploration's Mariposa property from July 4th to July 9th, 2019.	$500	$3,000
	GST	5%	$150
	TOTAL DUE		**$3,150**

Thank you for your business!

GST # **850909771 RT 0001** Email: morgan@spere-ex.com

GREAT RIVER AIR

Great River Aviation Ltd.
Charter and Contract Service
38 Tutshi Road, Whitehorse
Yukon, Canada Y1A 3R5
867-393-4359 Fax 456-7186
GST #R 867317372

Flight Ticket / Invoice

6887

CHARTERER: Pacific Ridge

DATE: ~~BRO~~ July 9/19

TYPE: BN2

AIRCRAFT: RN2

PILOT: Gord

BASE: 4DA

POSTAL CODE

PURCHASE ORDER OR CONTRACT #

TELEPHONE

CHEQUE | CASH | CHARGE

CUSTOMER FUEL
LITRES FROM

LITRES FROM

GREAT RIVER AIR FUEL
260 LITRES FROM 4DA @ $ 1.60

LITRES FROM @ $

HOLDING TIME @

PILOT EXPENSES / OTHER CHARGES

DESCRIPTION	AMOUNT
TOTAL	

FLIGHT ITINERARY

	MILES	TIME
Dawson		
Scroggie	72	
Dawson	72	

Sub C206
unable to land
first trip no milage
charge on second trip

RATE PER HOUR $ 144

RATE PER MILE $ 4.00 TOTAL

PASSENGERS / FLIGHT DETAILS

TO:	FROM:

SIGNATURE X

AUTHORIZED BY (PRINT)

FLIGHT	576.00
FUEL	416.00
OTHER	
SUBTOTAL	992.00
GST	49.60
TOTAL	1041.60

Willow Printers

TERMS: INTEREST AT THE RATE OF 1.5% PER MONTH (UP TO 24% PER ANNUM) MAY BE CHARGED ON THE BALANCE AFTER THIRTY DAYS.

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
P.O. BOX 8 - WHITEHORSE - YUKON TERRITORY - Y1A 5X9
TELEPHONE: (867) 668-2177 • FAX: (867) 668-3420

Original

INVOICE

Invoice Number	Document Date	Page
7823	**09/16/19**	**1/1**

Customer No.

PACIEXP

Federal Tax ID - Business Partner

Ticket/s

67660

PACIFIC RIDGE EXPLORATION LTD

SUITE 1100, 1111 MELVILLE ST -
Vancouver BC V6E 3V6
CANADA

Currency: **$**

Description	Flight Date	Ticket #	Base	Quantity Charged	Units	Price	Total
Helicopter Hour - Aircraft FSPE	09/01/2019	67660	Dawson City	0.8	hour	1,695.00	1,356.00
FUEL131	09/01/2019	67660	Dawson City	140	litres	2.00	280.00

Tax Details

Tax Code	Tax %	Net	Tax
GST	5.0000	1,636.00	81.80

Invoice Subtotal:	**$ 1,636.00**
Total Before Tax:	**$ 1,636.00**
Total Tax Amount:	**$ 81.80**
Total Amount:	**$ 1,717.80**

REMIT PAYMENT TO:

TRANS NORTH HELICOPTERS

TRANS NORTH TURBO AIR LTD.
P.O. Box 8, 115 Range Rd.
Whitehorse, Yukon Canada Y1A 5X9
Tel: (867) 668-2177 - Fax: (867) 668-3420
www.tntaheli.com

ACCOUNT NUMBER: PACIEXP

INVOICE NUMBER: 67660

INVOICE DATE: 16 09 19

AREA: B.C. ☐ YUKON ☐ NWT ☐ ALTA ☐

CHARTERER: Pacific Ridge

BILLING ADDRESS:

A/C TYPE: AS350SD2

AIRCRAFT REGISTRATION C: F S P E

FLIGHT DATE: DAY 09 MONTH 07 YEAR 19

PURCHASE ORDER NO.

FUEL & OIL-X TNTA	FUEL & OIL-X CUST.	TNTA FUEL USED	HRS./LITRES	FROM

HOOK INSURANCE VALUE _____ DECLINED ☐ ACCEPTED ☐ INT _____

TNTA'S TARIFF LIMITS THAT TNTA'S LIABILITY FOR LOSS OR DAMAGE TO GOODS CARRIED IS 50¢ PER LB.

FROM / TO	UP	DOWN	HOURS	REMARKS NO. OF PASS
FROM Thunderdome TO Scregie Ck	1853	1911	0.3	
Blackhills	1915	1935	0.3	
Thunderdome	1936	1948	0.2	
				Ground truth fuel used from Thunderdome camp.

SUB	G.L.	AMOUNT
0 0 0 0 3 2 3		

D.G. TRANSPORTED ☐	0.8	@ 1695.00	1356	00
		@		
HOLDING TIME:		@ / HR.		
FUEL	140 LT	@ 2.00 / LITRE	280	00
FUEL		@ / LITRE		
MEALS & LODGINGS				
OTHER				
OTHER				
SUB TOTAL			1636	00
GOODS & SERVICES TAX REGISTRATION NO. R121483135			81	80
TOTAL			$ 1717	80

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X _____
CHARTERER'S SIGNATURE

_____
CHARTERER'S NAME (PRINTED)

INITIALS: AXS — PILOTS SIGNATURE

POOL — ENGINEER'S NAME

SHIPPING NAME & QTY.	CLASS	UN #	PACKING GR.

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

THIS IS YOUR ONLY INVOICE – PAY UPON RECEIPT

Great River Aviation Ltd.
#38A Tutshi Road
Whitehorse, Yukon
Y1A 3R5

Phone: (867) 393-4359
Fax: (867) 456-7186
E-mail: admin@greatriverair.com

INVOICE

DATE Jul 09,2019
NUMBER 19-041

Pacific Ridge Exploration
gcarlson@pacificridgeexploration.com

Description of Service Provided	Quantity Supplied	Daily/Hourly Rate	Total
Expediting: Fill fuel drum at AFD as per Jean's instruction Re: ATV rental			$ 20.00
AFD invoice paid by Great River Air, see attached.			$ 249.65
		Subtotal	249.65
		G.S.T. on expediting	1.00
		Total	**$ 250.65**

GST Registration Number: 867317372
Terms: Invoice due upon receipt. Interest at the rate of 1.5% per month (up to 24% per annum) may be charged on the balance after 15 days.

E-MAILED Aug 7/19

Freight Systems

:on) Ltd.*

:e: (867)667-2050

LTL2142393

PACIFIC NORTHWEST FREIGH
3 BURNS RD
WHITEHORSE, YT. Y1A 4Z3
867-668-2511

SALE

REF#: 00000001
Batch #: 004
07/12/19 10:24:32
APPR CODE: 02976I
Trace: 1
VISA Manual CP
**********7724 **/**

AMOUNT $137.67

APPROVED

THANK YOU / MERCI

CUSTOMER COPY

PO NO. DATE Jul 12/19
REF. NO.

Customer Copy - 1

SHIPPER: PACIFIC RIDGE EXPLORATION C/O GROUNDTRUTH EXPLORATION DAWSON CITY YT	**CHARGE TO:** ZZ101 - COLLECT ACCOUNT PAYMENT REQ BEFORE DELIVERY WHITEHORSE YT

Description	Weight	Rate	Charges
	250		103.24
@27%		27.00	27.87
TH # 02976I			
		5%	6.56
	Total Weight	Charge Type	Total Charges
	250	TP/CHG	**$137.67**
	Date Delivered	**TOTAL**	
	DAY | MO. | YR.		

PAID

SHORT OF DAMAGE NOTATION ON DELIVERY RECEIPT IS NOT NOTICE OF CLAIM. NOTICE OF CLAIM MUST COMFORM TO CONDITIONS OF STANDARD BILL OF LADING, ITEM 12

Pacific Northwest Freight Systems

* A division of Pacific Northwest Moving (Yukon) Ltd.*
3 Burns Road, Whitehorse, Yukon Y1A 4Z3
Edmonton: Phone (780)447-5110 Whitehorse: (867)667-2050

LTL2142393

PRO NO. **WHO2142393** PO NO. DATE Jul 12/19
PNW NO. 223879 REF. NO.

Terminal Copy - 1

CONSIGNEE: BUREAU VERITAS COMMODITIES 77 COLINS LANE LOT 53 WHITEHORSE YT	**SHIPPER:** PACIFIC RIDGE EXPLORATION C/O GROUNDTRUTH EXPLORATION DAWSON CITY YT	**CHARGE TO:** ZZ101 - COLLECT ACCOUNT PAYMENT REQ BEFORE DELIVERY WHITEHORSE YT

Instructions:

No.Pieces	Description	Weight	Rate	Charges
5	BAGS ROCK SAMPLES	250		103.24
	FUEL SURCHARGE-B @27%		27.00	27.87
	PREPAID BY VISA: AUTH # 02976I			
	GST (R-122895386)		5%	6.56
Total Pcs.	Rec'd in Good Order By	Total Weight	Charge Type	Total Charges
5		250	TP/CHG	**$137.67**
Del'd By		Date Delivered	**TOTAL**	
		DAY | MO. | YR.		

PAID

SHORT OF DAMAGE NOTATION ON DELIVERY RECEIPT IS NOT NOTICE OF CLAIM. NOTICE OF CLAIM MUST COMFORM TO CONDITIONS OF STANDARD BILL OF LADING, ITEM 12

Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver, BC Canada V6P 6E5
Phone 604 253 3158 Fax 604 253 1716
GST # 843013921 RT
QST # 1219972641

MINERALS

Bill To: Pacific Ridge Exploration Ltd.
Suite 1100, 1111 Melville St,
Vancouver, BC V6E 3V6
CANADA

Invoice Date: August 7, 2019
Invoice Number: **VANI338098**
Submitted by: Jean Pautler
Email: jpexpls@gmail.com
Invoice Contact: Gerry Carlson
Email: gcarlson@pacificridgeexploration.com
Job Number: WHI19000202
PO Number:
Project Code: Mariposa
Shipment ID:
Quote Number:

Item	Package	Description	Sample No.	Unit Price	Amount
1	PRP90-250	Crush and Pulverize 250 g	46	$7.82	$359.72
2	PRP90-250	Overweight prep charges per 100g	923	$0.07	$64.61
3	FA430	30g Fire Assay for Au, AAS	46	$14.02	$644.92
4	EN002	Lead waste disposal fee	46	$0.55	$25.30
5	AQ200	0.5g - 36 element ICP ES/MS	46	$14.45	$664.70
6	SLBHP	Sort, label and box pulp samples	46	$1.05	$48.30
7	DISPL	Disposal of pulps	46	$0.20	$9.20
8	DISRJ	Disposal of rejects	46	$0.75	$34.50
9	SHP-01	Per sample charge for branch shipments	46	$2.15	$98.90

Prices reflect discount of 15.00% where applicable.

Net Total $1,950.15

GST $97.51

Grand Total **CAD** **$2,047.66**

Invoice Stated In Canadian Dollars

Payment Terms:

Due upon receipt of invoice. Please pay the last amount shown on the invoice.

For **cheque payments**, please remit payable to:
Bureau Veritas Commodities Canada Ltd.
9050 Shaughnessy St.
Vancouver BC, V6P 6E5

Please specify invoice number on cheque remittance.

For electronic payments or any enquiries, please contact acct.receivable@ca.bureauveritas.com.

Invoice

GroundTruth Exploration
Box 70, Dawson, YT Y0B 1G0
Phone (867) 993-2499
Fax: (867) 993-5201

Date	Invoice #
14-Nov-19	10311
Due	**Terms**
28-Nov-19	Net 14
	MPA

Invoice To:
Pacific Ridge Exploration Ltd.
1100 - 1111 Melville Street
Vancouver, BC V6E 3V6

ATTN: Gerald G. Carlson, President
gcarlson@pacificridgeexploration.com

Description	Proj	Service Amount	Project Mgmt Fee	Total Amount
			10%	
Assay & Shipping Expenditures from JP Exploration Services site visit to Mariposa project	MPA	$ 257.50	25.75	283.25
See attached for breakdown detail				

Wiring Canadian Funds:

Beneficiary Bank: Canadian Imperial Bank of Commerce
400 Burrard Street, Vancouver, BC V6C 3A6
Institution Code: 010
Swift Code #: CIBCCATT
Transit #: 00010
Beneficiary: Ground Truth Exploration Inc.
P.O. Box 70, Dawson City, YT Y0B 1G0
Account #: 47-68817

Totals		$ 283.25
	GST 5%	$ 14.16
GST # 811084268 RT0001	**Deposit Applied**	
	Total Due	$ 297.41

Thank you for your business!

Pacific Ridge

MPA Assay & Shipping Expenditures

10/4/2019	3300479927	Manitoulin Transport	MPA190927-01-ROCK, 29lbs		$ 32.72
11/7/2019	4925380	ALS Canada Ltd	MPA 190927-01 -ROCK Sample Requisition-Sample Logging, Pulverize 500 g.Au 30g FA-AA Finish, 35 Element Aqua Regia ICP-MS, Split Sample, Fine Crushing		$ 224.78
Total MPA					$ 257.50
Total Pacific Ridge					$ 257.50