2012 TECHNICAL ASSESSMENT REPORT ON THE SAMPLING AND HISTORICAL DRILLCORE RE-ASSAY

Skeena Mining Division, British Columbia

NTS 103H/14

53 46' 00" N/129 29' 0" W

Event #:

Tenure #'s:

614704, 614706, 614707, 614711, 614712, 614713, 614723, 614725, 614726, 614743, 614744, 614763, 614783, 614785, 831072, 833758, 835213, 835215, 835216, 835217, 835225, 939586, 939587, 1013539 & 1013774

Prepared for:

Winrock Resources Ltd
Vancouver, BC

Prepared by:

Richard Beck, VP Exploration and Development

&

Anastasia Ledwon, B.Sc., P.Geo
UTM Exploration Services Ltd.
Smithers, BC

January 2013

TABLE OF CONTENTS

TABLE OF FIGURES

TABLE OF TABLES

1. SUMMARY

In October of 2012, Winrock Resources Ltd of Vancouver, BC contracted UTM Exploration Services Ltd of Smithers, BC to conduct a rock sampling program and reconnaissance sampling program on the Packsack property, southwest of Kitimat, BC. The program targeted two main areas within the claim boundaries. As well, UTM Exploration Services personnel utilized the supplied helicopter to make several reconnaissance field stops on the property to note favourable outcroppings, alteration extension, future access points, and any historical findings.

Areas of historical interest and historical assay success were targeted in the hopes of finding future zones of interest; the rock sampling work targeted the Packsack MINfile corridor on the west of the property claims while the re-assay of historical drillcore targeted the Horsefly MINfile corridor on the east of the property claims. Reconnaissance work covered the entire property in efforts of locating areas of continued interest.

The property is located approximately 60km southwest of Kitimat, BC and consists of 25 mineral claims. Exploration included rock sampling and drill core re-assaying as well as minor reconnaissance field work.

The property is underlain my Middle Devonian metavolcanic rocks comprising a complex interbedded sequence of calcareous, intermediate to felsic volcaniclastic, sedimentary and minor volcanic rocks. Foliations strike in a northerly direction with an average of 170° and a steep westerly dip ranging from 60° to 85°.

The Packsack Property remains true to the above geological description and structural measurements. Noted within these metamorphic, chlorite-altered, moderately to strongly mineralized rocks were a number of boudined massive white quartz veins.

The Horsefly property also remains true to the geological description; however, it is this area of the property that exhibits a 20-30m wide zone of sericite-quartz-chlorite-pyrite alteration. It was the 1995 drilling that better outlined this zone in the subsurface. It was noted in 1995 that zone had a strike length of 90 meters and is open along strike and down dip. Re-analysis of the data, visual inspection of the property and re-assaying of the core illustrates that this is true and probably to a greater extent than intimated in the historical work.

2. INTRODUCTION AND TERMS OF REFERENCE

This report borrows/quotes from historical assessment reports of the area as noted in the References section.

It is understood that this report may be required for material disclosure. The author (Mr. Beck) visited the property several times in October of 2012.

3. Property Description and Location

3.1 Accessibility and Infrastructure

The property is accessed from the city of Terrace, B.C. where the local helicopter hangars are located (Figure 1). From Terrace you fly southwest approximately 90km to the centre of the property claims. Access while on the property is by foot or by helicopter to reach the higher elevations.

Helicopter access is available via numerous charter companies based in Terrace or Smithers. Most services and supplies are available in these resource-based communities.

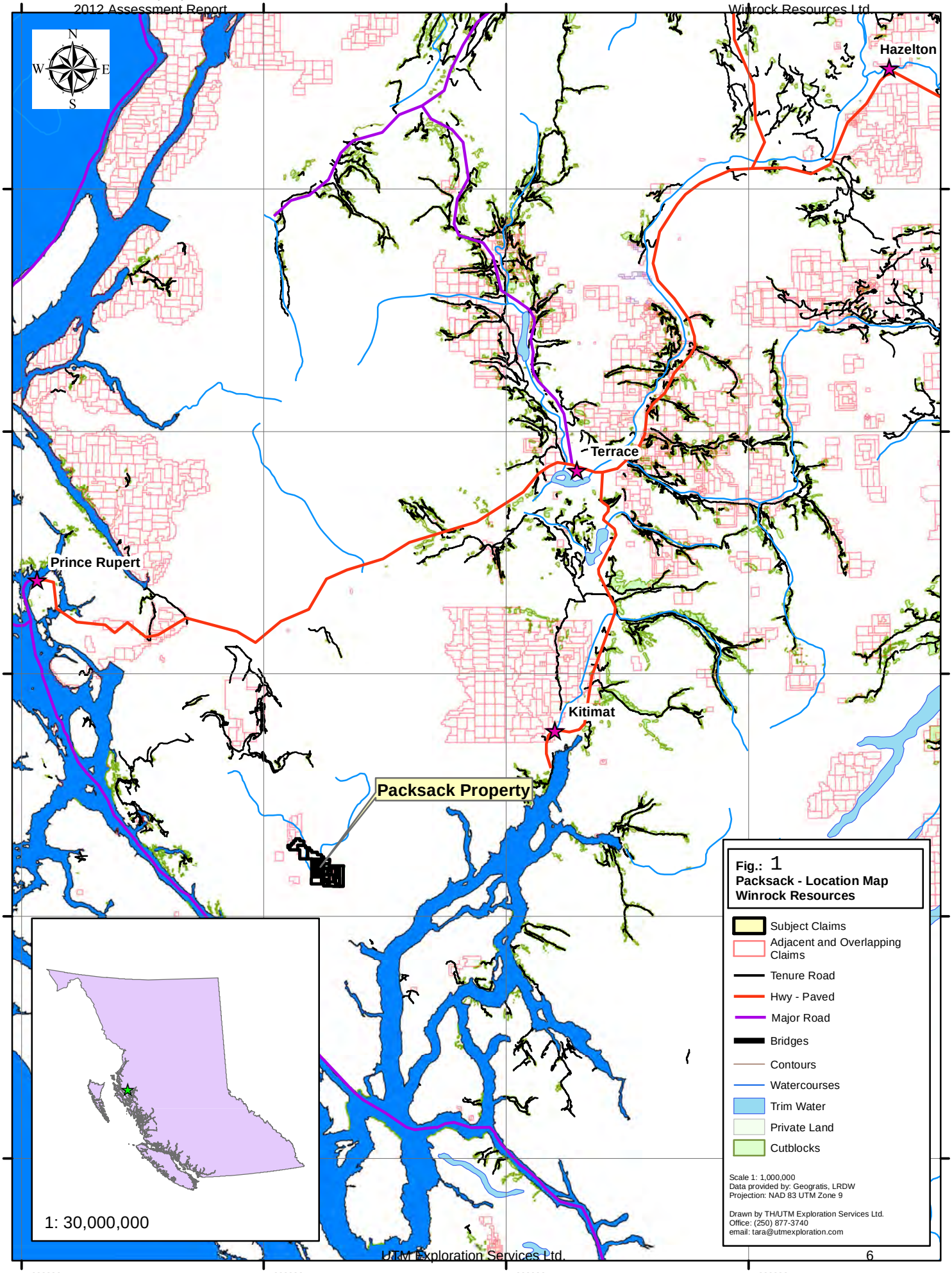


Fig.: 1
Packsack - Location Map
Winrock Resources

- Subject Claims
- Adjacent and Overlapping Claims
- Tenure Road
- Hwy - Paved
- Major Road
- Bridges
- Contours
- Watercourses
- Trim Water
- Private Land
- Cutblocks

Scale 1: 1,000,000
Data provided by: Geogratis, LRDW
Projection: NAD 83 UTM Zone 9

Drawn by TH/UTM Exploration Services Ltd.
Office: (250) 877-3740
email: tara@utmexploration.com

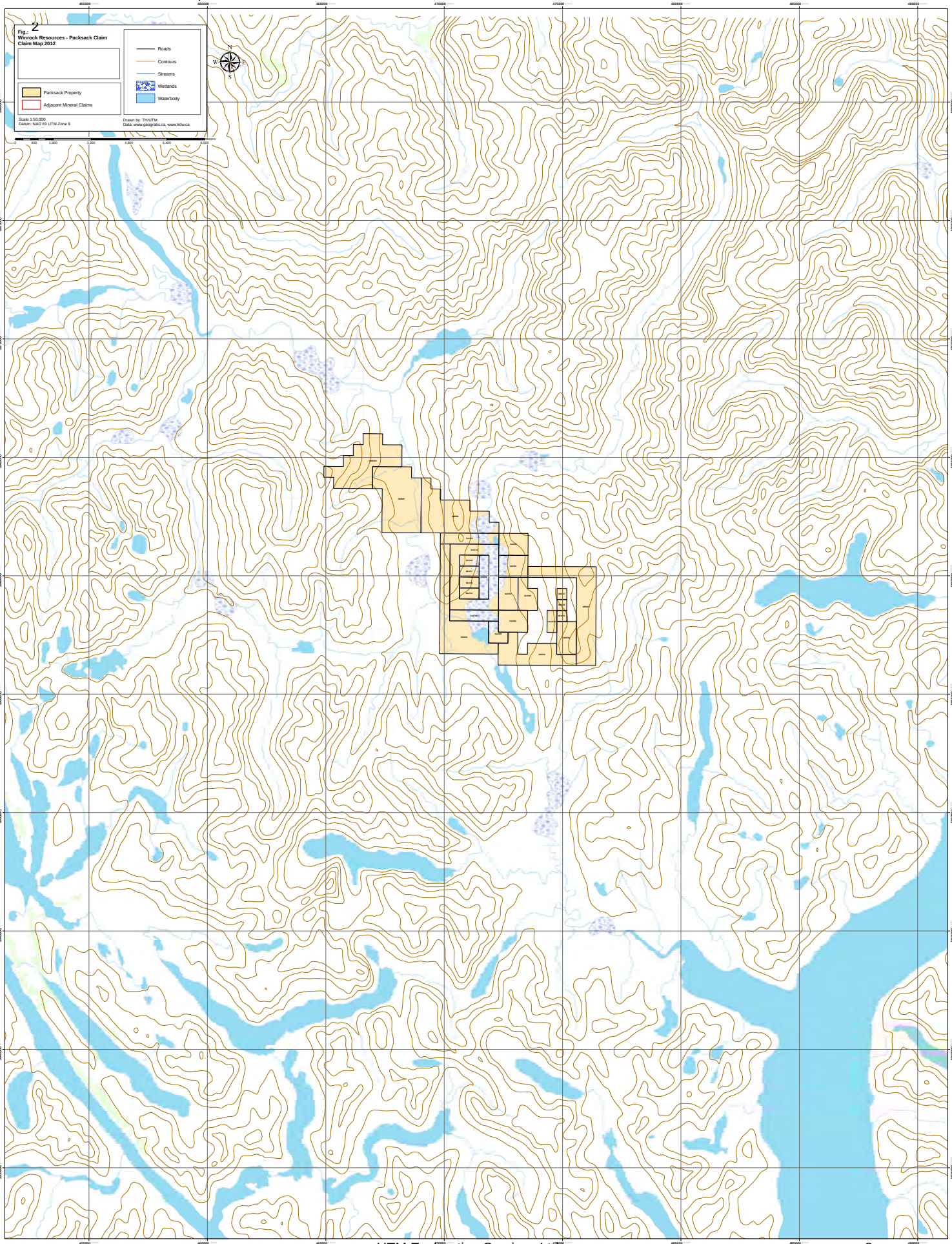
3.2 Mineral Tenure Information

The Packsack property consists of 25 mineral claims, totaling 4087.85 ha (Figure 2). The property is located on NTS map sheet 103H/14 in the Skeena Mining Division and approximately 60km southwest of the village of Kitimat, BC. The geographic coordinates of the approximate centre of the property are 53°46'N Latitude and 129°23'W Longitude (Table 1).

Table 1. Mineral Tenure Information.

Tenure Number	Type	Claim Name	Good Until	Area (ha)
614704	Mineral	PACK SACK 1	20140701	38.2096
614706	Mineral		20140701	76.4154
614707	Mineral	PACKSACK 2	20140701	38.2058
614711	Mineral		20140701	38.2021
614712	Mineral	PACKSACK 3	20140701	38.2133
614713	Mineral	PACKSACK 4	20140701	343.8699
614723	Mineral		20140701	114.584
614725	Mineral		20140701	114.5904
614726	Mineral		20140701	114.6128
614743	Mineral		20140701	95.552
614744	Mineral		20140701	114.6408
614763	Mineral		20140701	95.5361
614783	Mineral		20140701	114.6689
614785	Mineral	RAINBOW GRID	20140701	57.3407
831072	Mineral		20140701	19.1106
833758	Mineral	STEELHEAD	20140701	114.6859
835213	Mineral	PACKSACK A	20140701	439.5619
835215	Mineral	PACKSACK B	20140701	267.6396
835216	Mineral	PACKSACK C	20140701	19.1087
835217	Mineral	PACKSACK D	20140701	19.1068
835225	Mineral	PACKSACK E	20140701	439.5058
939586	Mineral	WINROCK NORTHWEST	20140701	439.1443
939587	Mineral	WINROCK NORTHWEST 2	20140701	477.2658
1013539	Mineral	ECSTALL	20140701	419.8512
1013774	Mineral	HORSEFLY	20131015	38.223

Total Area: 4087.8454 ha


2
Fig.:
Winrock Resources - Packsack Claim
Claim Map 2012
Packsack Property
Adjacent Mineral Claims
Roads
Contours
Streams
Wetlands
Waterbody
Scale 1:50,000
Datum: NAD 83 UTM Zone 9
Drawn by: THUTM
Data: www.geogratis.ca, www.ltdw.ca
N
W
E
S

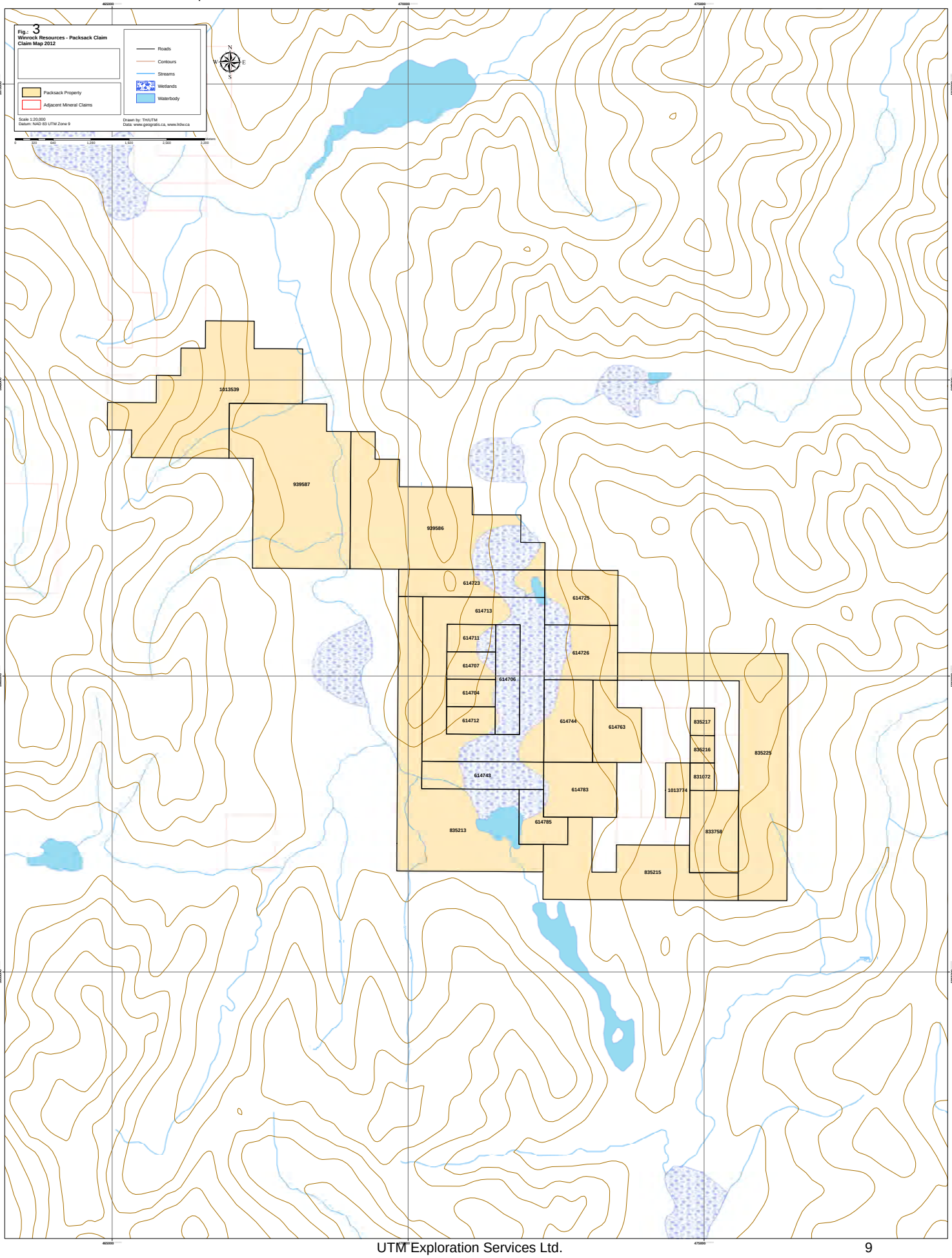


Fig.: 3
Winrock Resources - Packsack Claim
Claim Map 2012
Packsack Property
Adjacent Mineral Claims
Roads
Contours
Streams
Wetlands
Waterbody
Scale 1:20,000
Datum: NAD 83 UTM Zone 9
Drawn by: THUTM
Data: www.geogratis.ca, www.irdw.ca
N
S
E
W
1013539
939587
939586
614723
614725
614713
614711
614726
614707
614706
614704
614712
614744
614763
835217
835216
835225
614743
614783
831072
1013774
614785
835213
833758
835215

3.3 Physiography and Climate

The property sits in a low lying valley along the Ecstall River. The property covers an area of rugged terrain typical of the Coastal Range mountains of British Columbia. Elevation ranges from 200 to approximately 1200 meters with vegetation varying from over-mature coniferous rainforest to moss and grass covered alpine meadows.

Deep snow accumulations are typical for this area. This limits the exploration season from July to late October.

4. History

The region has been explored since the late 1800's. A brief historical overview is shown below:

- 1890's the Ecstall deposit was discovered
- 1900-1952 the Ecstall deposit was developed intermittently
- 1958-1960 Texas Gulf discovered, mapped and drilled the Packsack deposit. In 1960 Texas Gulf explored the Horsefly deposit by geological mapping, prospecting and a ground EM survey
- 1973 the Packsack deposit was mapped geologically and soil sampled; 119 grid samples were analyzed for copper (Cu), lead (Pb) and zinc (Zn).
- 1981 the Ecstall joint venture examined the region for volcanogenic massive sulphide deposits using airborne EM, regional silt geochemistry and prospecting.
- 1986 several showings were examined by Noranda using airborne EM and magnetometer surveys, followed by ground HLEM and magnetometer surveys, line-cutting and detailed geological mapping.
- 1989 Cominco Ltd optioned the claims, including the Packsack and Horsefly properties from the owner, Ecstall Mining Corp.
- 1994 Atna Resources examined the Horsefly and Steelhead areas and following this entered into an option agreement with the Ecstall Mining Corp
- 1995 Atna Resources commenced exploration with a program of line-cutting, Max-Min EM survey, mapping and drilling. One thousand and seventy-six (1076) meters over eight (8) holes were drilled in Sept-Oct 1995.
- Winrock Resources acquired the property in 2012.

5. GEOLOGICAL SETTING

5.1 REGIONAL GEOLOGY

The Ecstall-Quall Rivers area is underlain by complexly deformed metamorphic rocks of the Alexander Terrain of mid-Paleozoic or older age (Graf, 1981). The rocks form the core of a large geosynclinals (?) trough known as the central Gneiss Complex (Hutchison, 1970, 1982). Outcropping in a band up to 120 km long and 15 km wide, this belt is dominated by a series of steeply dipping, north-trending schists and gneisses of volcanic and sedimentary origin, which were metamorphosed regionally in the middle greenschist to middle amphibolite facies.

The outer parts of the central Gneiss complex were metamorphosed regionally in the almandine amphibolite facies. These rocks represent an original deep marine environment dominated by turbidites, basic volcanic rocks and mafic to ultramafic intrusions. Hutchison interpreted them to be older than the more weakly metamorphosed rocks in the core of the belt. Turbidites were metamorphosed to quartz-feldspar-biotite garnet gneiss, quartz-staurolite-sericite-pyrite schist and quartz-sericite-biotite-pyrite schist. Basic volcanic rocks were metamorphosed to hornblende-biotite-quartz gneiss and hornblende-biotite-garnet gneiss; they are cut by coeval gabbro and ultramafic bodies.

In the core complex, the rocks were metamorphosed regionally in the greenschist to lower amphibolite facies. Adjacent to the surrounding higher grade gneiss is the most abundant unit in the core, a meta-sedimentary sequence which may represent a submarine fan and turbidite environment. It consists of massive to thickly bedded greywacke and quartzite with interlayers of finely laminated siliceous siltstone and dark grey to black argillite. A few thin layers are of quartz-pyrite exhalite and a few others are rich in magnetite.

In the center of the belt is a pile of mafic to felsic meta-volcanic rocks containing minor to locally abundant tuffaceous sedimentary rocks and argillite. They are regionally metamorphosed in the greenschist facies, and like other rocks in the belt, are deformed very strongly; nevertheless, relic fragmental textures are preserved locally, especially in fold noses. Felsite (rhyolite to rhyodacite) tuffs, flows, and subvolcanic intrusions are metamorphosed to quartz-sericite (chlorite) schist and quartz-sericite-pyrite schist. A few subvolcanic intrusions contain minor to abundant phenocrysts of quartz and plagioclase. Intermediate (dacite to andesite) tuffs and flows were metamorphosed to quartz-sericite-chlorite schist and quartz-chlorite-sericite schist. A few contain abundant plagioclase phenocrysts. Mafic (andesite to basalt) tuffs and associated diorite/gabbro sills were metamorphosed to chlorite-quartz-calcite schist and chlorite-quartz-(biotite-calcite) schist. A few mafic tuffs contain lapilli of more felsic units.

Volcanogenic massive and semi-massive sulphide deposits dominated by pyrite with generally much less sphalerite and chalcopyrite, minor galena and very little precious metals, occur in two main stratabound zones in the belt. In a western, linear zone are the Ecstall Mine and Marmot, Pond and Strike showings. No data is available regarding the top

of the section in this zone. In an eastern, folded zone are the Packsack and Horsefly showings. The stratigraphic and structural relationship between these two zones is unknown.

The rocks in the belt were subjected to intense shear deformation prior to intrusion of the surrounding plutons. A large, moderately north plunging antiform east of the Packsack showing may equate the stratigraphy at the Packsack and Horsefly showings (Graf, 1981). This interpretation of structure would be at odds with the geosynclines proposed by Hutchison (1978, 1982).

The belt is bounded by diorite to granodiorite plutons of the Coast Range Intrusive Complex. To the west is the Ecstall Pluton and to the east is a series of small plutons containing scattered patches of gneiss. Plugs of diorite intrude the core of the belt; one such plug is just west of Packsack Lake. All rocks are cut by Tertiary lamprophyre and hornblende porphyry dikes.

Tertiary strike-slip faults have been interpreted to exist along a set of linear depressions trending 150-165°. No evidence for late shearing along or displacement across these depressions was found.

5.2 Local Geology

The Packsack-Horsefly region is underlain by an isoclinally folded sequence dominated by metmorphosed mafic to felsic volcanic rocks, now represented by a variety of schists dominated by quartz, chlorite and sericite/muscovite. A major north plunging anticline is interpreted grossly from discontinuous, distinctive 'marker" interval containing abundant felsic volcanic rocks, now represented by quartz-sericite-pyrite schist (Figure 3). Near the top of this interval are stratabound lenses of pyrite rich schist and exhalite dominated by sulphides and quartz. Sulphides are dominated by pyrite with local concentrations of sphalerite and lesser chalcopyrite. A few diorite/gabbro sills intrude the section; one prominent sill is stratigraphically just above the Packsack massive sulphide horizon. On the west limb of the fold a zone of meta-sedimentary rocks is dominated by quartzite and argillaceous quartzite with less abundant siltstone and locally abundant magnetite rich layers. Contorted quartz veins are common in the metamorphic rocks and these quartz veins are observed to pinch and swell in the north-south foliation attitude as well as down dip on the eastern limb of the schist packages. The quartz veins observed are as large as 3 m in width.

A few plugs of massive to slightly foliated Cretaceous diorite/gabbro cut the meta-sedimentary rocks. A few Tertiary dikes are of lamprophyre, hornblende porphyry and andesite.

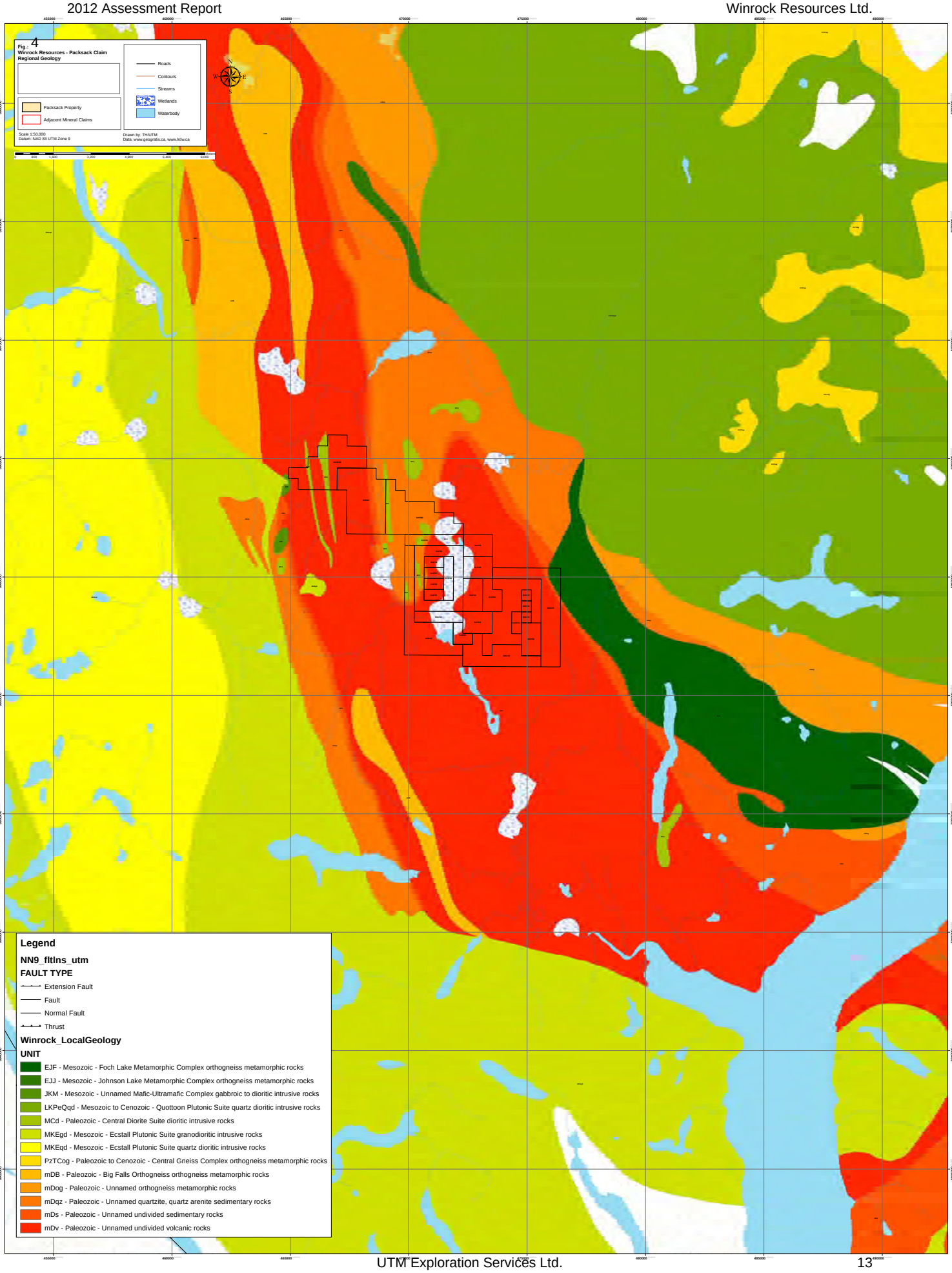


Fig.: 4
Winrock Resources - Packsack Claim
Regional Geology
Roads
Contours
Streams
Wetlands
Waterbody
Packsack Property
Adjacent Mineral Claims
Scale 1:50,000
Datum: NAD 83 UTM Zone 9
Drawn by: THUTM
Data: www.geogratis.ca, www.ltdw.ca
Legend
NN9_fltlns_utm
FAULT TYPE
Extension Fault
Fault
Normal Fault
Thrust
Winrock_LocalGeology
UNIT
EJF - Mesozoic - Foch Lake Metamorphic Complex orthogneiss metamorphic rocks
EJJ - Mesozoic - Johnson Lake Metamorphic Complex orthogneiss metamorphic rocks
JKM - Mesozoic - Unnamed Mafic-Ultramafic Complex gabbroic to dioritic intrusive rocks
LKPeQqd - Mesozoic to Cenozoic - Quottoon Plutonic Suite quartz dioritic intrusive rocks
MCd - Paleozoic - Central Diorite Suite dioritic intrusive rocks
MKEgd - Mesozoic - Ecstall Plutonic Suite granodioritic intrusive rocks
MKEqd - Mesozoic - Ecstall Plutonic Suite quartz dioritic intrusive rocks
PzTCog - Paleozoic to Cenozoic - Central Gneiss Complex orthogneiss metamorphic rocks
mDB - Paleozoic - Big Falls Orthogneiss orthogneiss metamorphic rocks
mDog - Paleozoic - Unnamed orthogneiss metamorphic rocks
mDqz - Paleozoic - Unnamed quartzite, quartz arenite sedimentary rocks
mDs - Paleozoic - Unnamed undivided sedimentary rocks
mDv - Paleozoic - Unnamed undivided volcanic rocks

6. EXPLORATION

6.1 Methodology and Procedure

Between October 17 and October 21, 2012, Richard Beck and Richard Alexander of UTM Exploration Services Ltd. conducted a focused exploration program that included rock sampling on the Packsack Minfile claims area along the western side of the claim group, and geotechnical data collection and re-assaying of the Atna Resources 1995 Horsefly drilling along the eastern side of the claim group.

On October 13, Richard Beck and Brayden Veilleux visited the property for a one-day reconnaisaince field exploration. Various information from different historical assessment reports showed the areas covered during previous exploration campaigns. This information was used and maps were produced such that we were able to locate some of the documented points. During the October 13 visit they were able to successfully locate the original Packsack 1990 drill collars, the Packsack core storage location, the 1960's original camp location, three (3) of the 1960's drill collar locations (approximately), and the massive sulphide outcroppings depicted in the historical work. All of the above mentioned points of interest were recorded and marked using a Garmin handheld GPS unit (refer to Table 2 and Figure 4). Upon departing from the field via helicopter, they observed the core storage location of the 1995 Horsefly drilling campaign. They landed and assessed the condition of the core. The core was in very good condition considering the length of time it has remained in the field. The core location was marked and recorded using a handheld Garmin GPS unit.

Between the time of their initial field visit and October 17, UTM personnel compiled a geological approach to best accommodate the the recent findings, the historical data and the moving forward of the property itself. It was decided that due diligence re-assaying of the 1995 core be undertaken as well as rock sampling of the Packsack massive sulphide deposit MINfile location.

Table 2. Points of Interest.

Point of interest	Easting (NAD83)	Northing (NAD83)
1960 DDH-C	471162	5959884
90-1 true	471213	5959802
90-2 true	471254	5959943
90-3 true	471220	5959593
Horsefly Core Location	474943	5957945
95HF-4	474945	5957931
95HF-5	474937	5958023
Altered Boulder	474932	5957763
Packsack core location	471105	5959862
1960 DDH-A	471098	5959647
1960 DDH-B	471121	5959471
95HF-4	474945	5957931
95HF-5	474937	5958023
95HF-6	474944	5957870
95HF-7	474870	5957930
95HF-8	474950	5957782

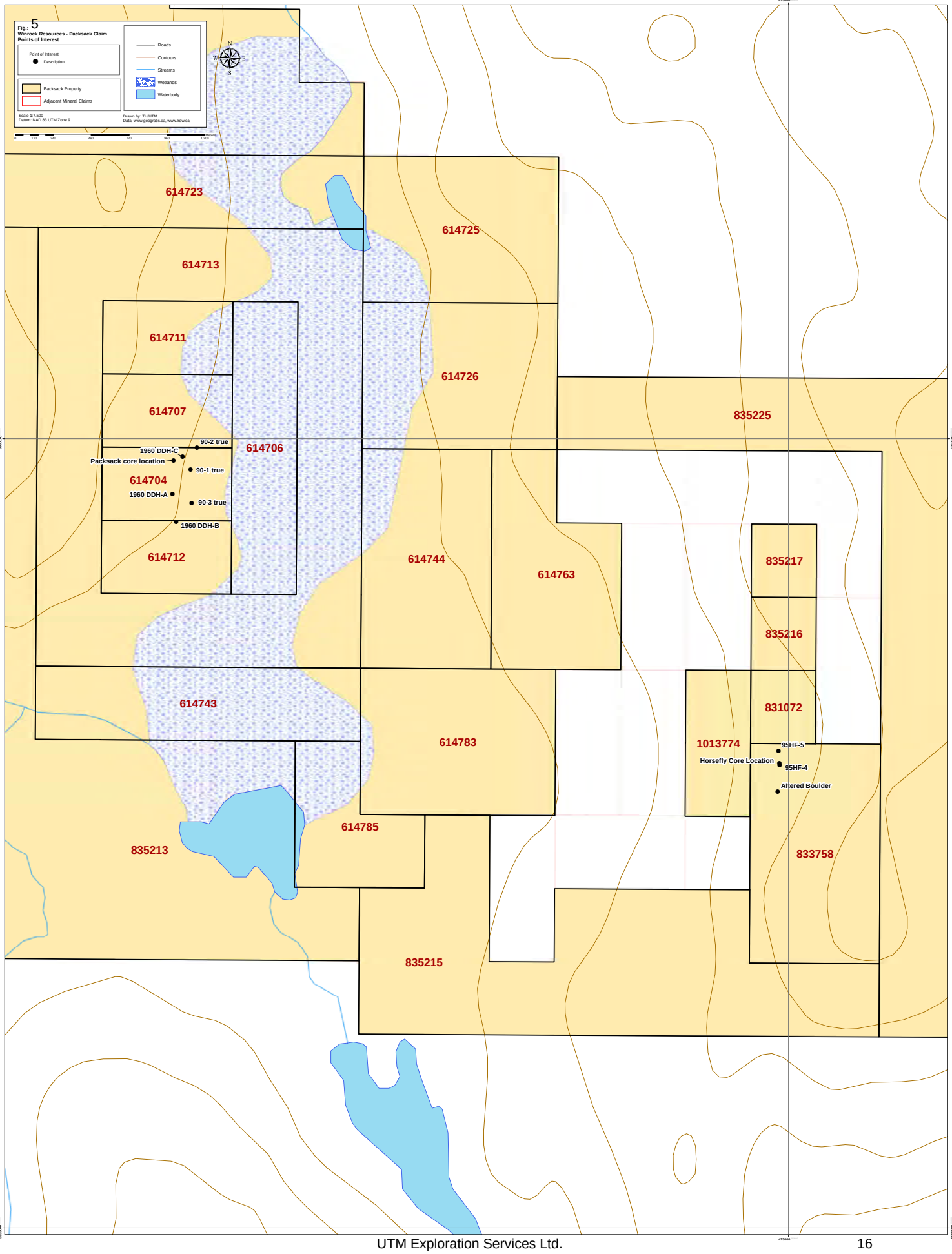


Fig.: 5
Winrock Resources - Packsack Claim
Points of Interest
Point of Interest
Description
Packsack Property
Adjacent Mineral Claims
Roads
Contours
Streams
Wetlands
Waterbody
Scale 1:7,500
Datum: NAD 83 UTM Zone 9
Drawn by: THUTM
Data: www.geogratis.ca, www.ltdw.ca
614723
614725
614713
614711
614726
614707
835225
614706
90-2 true
1960 DDH-C
Packsack core location
90-1 true
614704
1960 DDH-A
90-3 true
1960 DDH-B
614712
614744
614763
835217
835216
614743
831072
614783
1013774
95HF-5
Horsefly Core Location
95HF-4
Altered Boulder
614785
835213
833758
835215

6.2 HISTORICAL CORE SAMPLING

A total of 72 core samples were taken from the 1995 Horsefly drill core. The core was located and observed to be in excellent condition. The core location was documented using a Garmin GPS, and five of the eight drill holes were removed from the existing piles and re-sampled. In the process of collecting the samples the following procedures were followed:

- Each drill hole was identified from the core tags at the ends of each box.
- The core from each drill hole was laid out and all detritus was removed from the surface of the core.
- The core boxes were identified to be the true boxes and their "from" and "to" footage markers were confirmed.
- The core boxes were cleaned using a wood scraper and the drill hole identifiers (Hole ID and meterage) were then marked onto the boxes in the top left and top right of each box using a black felt marker. Previous to the marking of the boxes the core was re-measured to confirm the matching footage presented on the core tags. Footage was then converted to meters (division of total feet by 3.281) to bring the historical core into todays protocols and measurements.
- The areas that were marked for re-sampling were measured and the appropriate sample tags were placed at the ends of each sample.
- Four core boxes at a time, where possible, were then photographed to capture all of the geotechnical data recorded on each box so to provide a digital record of the historical core.

The samples taken from the drill holes were core samples that were previously sampled in 1995. The half core that remained in the boxes was checked against the original assessment report sample intervals and the samples taken in October of 2012 were the exact (or as close to as possible with the footage converted to meterage and measured off of the original core block markers) samples taken in 1995. No core was left in the box where the samples were removed to re-assay; however, the 2012 sample tags were stapled onto the wooden core boxes at the end of each sample interval.

After the core was photographed the samples were selected and placed into a 12x20 6mm poly ore bag with a sample tag. The sample bag was sealed using a tie strap and the sample number was written on the outside of each sample bag to correspond with the sample tag inside the bag and the sample tag attached to the core box.

Refer to Appendix III for a complete photo library of the drill core that was geotech'd and re-assayed.

6.2 Rock Sampling

Eleven rock samples in total were taken over the Packsack massive sulphide. The area was first walked across during the one day reconnassaince visit to the area. UTM personnel visually assessed the outcrop north to south and across its width prior to initiating any sampling. This approach was used to get a better understanding of the size and frequency of the mineralized lenses prior to committing to a sampled area. Each sample taken was to best represent a unique lens and/or another mineralized corridor.

The outcrop exposure was moderately extensive and from the southern end where topography dips steeply to the valley below, northwest to the first stream/waterfall before the topography rises again in elevation is approximately 500 meters in length. Within this package of mostly schist to quartzite to quartz veins to gabbroic dikes is where the numerous lenses of massive, pyrite-rich, sulphide are exposed. These lenses appear to pinch and swell along strike and from a quick visual interpretation they appear to be lenses that are both structurally controlled and related to the subparallel quartz veining.

Before each sample was bagged, the rock sample itself was photographed but in some instances the outcrop from which the sample was taken was photographed in lieu of the actual piece sampled. Samples were placed into a 12x20 6mm poly ore bag with a sample tag. The sample bag was sealed using a tie strap and the sample number was then written on the outside of each sample bag to correspond with the sample tag inside the bag and the sample tag attached to the core box.

The amount of deformation and shearing and schistosity present within the rocks of the Packsack MiINfile area are also observed within the package of rocks of the Horsefly MINfile area. The Horsefly area, however, exhibits altered packages of sheared rock that are much more altered and continuous than the Packsack and this is due to the Packsack deposit area being a collection of smaller (not insignificant) lenses across a 30 m width within a 500 m strike length, whereas the Horsefly is a 20 m wide shear zone with open ended strike length due to exposure. See photo gallery in Appendix IV.

6.3 Rock Geochemistry

See Section 8 for maps and highlights, as well as locations. As only eleven rock samples were taken, there is very little to deduce from the sampling at this time.

7. Sampling

7.1 Sampling Method and Approach

See Sections 6.1 and 6.2 for details of on-site sampling method. After sample collection, sample bags were stored by UTM personnel until they were delivered to the ACME Prep Lab in Smithers, BC. Richard Beck saw the samples at ACME and filled out all the appropriate paperwork.

7.2 Sample Preparation, Analyses, and Security

ACME dried all of the samples at 60C and then dry seived 100g of each sample to -80 mesh. Aqua Regia digestion and ICP-MS analysis was requested, along with appropriate tests for overlimits.

Lab methodology is described in Appendix II.

7.3 Data Verification

No standards or blanks were submitted although the labs run their own tests regularly.

7.4 Results

All assay results may be found in Appendix I.

8. Interpretation and Conclusions

8.1 Packsack Rock Samples

Historically the Packsack showing was drilled in the 1960s and again in the 1990s. The 1960s drill campaign involved 881 meters of BQ-size diamond drilling in 11 holes, encountering massive sulphide mineralization in all drill holes. All drill holes were shallow and targeted the massive sulphide lenses observed on surface. Three decades later, in 1990, three targets were drilled, totaling 934 meters. The 1990 drill holes targeted the same mineralized lenses of the 1960; however, down dip and much greater length: 1990-1 and 1990-2 successfully encountered the continuation of the near surface mineralization encountered in the 1960s.

During the October 2012 field visit to the Packsack area, many historical points were located and documented. Some of these historical findings included three drill collar location of the 1960s drilling campaign, all three 1990 drill collar locations, the Packsack core storage lay down area of the 1990 core (see Table 2 previously) and of course the whale-back shaped massive sulphide outcroppings that were drilled during these exploration years.

Though the original drill logs of the 1960's do not appear to exist within publicly available files, these drill holes have been referenced numerous times in past assessment reports; all drill holes have been referenced to contain significant pyrite, minor sphalerite and chalcopyrite mineralization with mineralization averaged as 3.8 m wide and extending in strike length as much as 600 meters. Northern and southern intercepts of the massive sulphide vary in their descriptive recorded widths from 0.8 m to 6 meters.

The outcrop in question was observed in October of 2012 to be greater than 350 meters only; however, drilling intersections and geophysical reports are likely the reason for the documented 600 m strike length. During UTM's visit to the property, finding the old drill collars and following the mineralization as far as was able (until limited by topography and deep gully creeks) it was observed that the mineralized lenses of the Packsack area extend at least 800 m in strike length and vary in their widths as the entire package of schistose rocks is a collection of strongly deformed chlorite-sericite schist lenses of dominantly pyritic mineralization. These lenses "pinch and swell" in the northwest-southeast preferred direction and contain within numerous parallel white quartz veins from centimeter to meter scale. After observing the down dip face of one of the larger quartz veins it was noted that the quartz veins not only exhibited a "pinch and swell" component along strike, but they pinched and swelled in the 3rd dimension as well; this observation may lend to the explanation why it is certain drill holes were successful in encountering mineralization at depth in some drill holes but not in others.

The rock samples taken in 2012 were taken along strike of the outcropping massive sulphide lenses and they were selected in what appeared to be different lenses within the same span of width. Though the assay results do not depict significant results (see Table 3 below) it is believed that these results are a function of sample medium chosen and location of sample: i.e. rock samples #202 and #209 were both taken in the forefront of the located 1960s drill holes and it is both of these rock samples that exhibited the greater elevated assay results.

In conclusion, the lenses are certainly present, they have an extended strike length greater than historically reported, they have been drilled and (assumingly – no drill logs to validate) intersected moderate interval lengths of massive sulphides, and historical geophysical IP surveys have intimated that the zones are greater in zone as well as coincident to the existing mineralization encountered to date.

Further work is warranted in the area, in particular, mapping, ground magnetometer survey and geochemical soil grid.

Table 3. Significant Rock Assay Results from Packsack.

Sample #	Sample Type	Easting (NAD83)	Northing (NAD83)	Property	Zone	Elevation (m)	Cu ppm	Pb ppm	Zn ppm	Au ppb
201	rock	471057	5959771	Packsack	9	261	12.79	4.52	16.6	1.5
202	rock	471084	5959648	Packsack	9	252	1501.4	3.42	45.3	34.1
203	rock	471150	5959428	Packsack	9	247	96.85	11.69	103.1	21.8
204	rock	471150	5959428	Packsack	9	247	4.99	0.4	1.1	<0.2
205	rock	471123	5959404	Packsack	9	256	9.1	2.04	24.7	3.9
206	rock	471131	5959422	Packsack	9	263	38.2	4.93	73.5	1.4
207	rock	471112	5959466	Packsack	9	268	2.75	1.15	29.5	1.1
208	rock	471127	5959511	Packsack	9	259	57.15	1.98	43.6	3.1
209	rock	471106	5959533	Packsack	9	255	608.6	2.73	43.7	11.6
210	rock	471105	5959566	Packsack	9	255	366.15	2.36	65.2	20.9
211	rock	471087	5959629	Packsack	9	250	119.37	3.82	40.3	17.6

8.2 HORSEFLY SHOWING – DRILL CORE RE-ASSAY

The core was located on the western slope of the eastern most claims of the Packsack group of claims. The core was neatly stacked in two piles and all of the 1995 drill core was accounted for except for two boxes in drillhole 95HF-8. The focus of the re-assay was on five of eight drilled holes of the 1995 campaign: drillholes 95HF-4 to 95HF-8. Drillholes 95HF-1 to 95HF-3 were omitted because of their target location and because of the lack of copper mineralization encountered down-hole. The target for the 1995 drilling was a shear zone that sits just east (~50m) of all of the drill collars (see photo library in Appendix III). All drillholes were separated by only 100 m (maximum) and all were drilled east-northeast at 80 degrees with -45 inclinations (see Table 4 below). All drillholes encountered moderate to occasionally significant mineralization at relatively shallow depths (see Table 5 below); mineralization that once modeled, exhibits a northwesterly strike with a southwesterly steep dip – in other words, exactly what you see on surface when observing the strongly altered and mineralized shear zone.

Drill holes 95HF-4, 95HF-5, 95HF-6 and 95HF-8 are all along strike with each other while 95HF-7 was drilled down slope underneath and behind drillhole 95HF-4. Drillhole 95HF-7 is noted as the only hole in the five holes analyzed to contain no significant assay results. This is not due to location; this is due to not drilling far enough from the collar location. Had the drillhole continued for another approximate 100 m it would likely have intersected the same mineralized corridors encountered in all of the other drillholes.

Refer to Figure 6 to observe the plan view positioning of the drill holes as well as the reported significant assay results from 1995. Also refer to the selection of Figures depicting the 1995 drill holes in cross section (Figures 7 to 11 show the assay comparison of Cu% between 1995 and 2012) while Figures 12 to 15 show the corridors of mineralization within the drill holes (DH 95HF-7 was excluded due to lack of mineralization).

Table 4. DDH Location and Survey Data.

DDH	Easting (NAD83)	Northing (NAD83)	Dip	EOH (M)	Elevation (m)	Azimuth
95HF-4	474945	5957931	-45	94.5	679	80
95HF-5	474937	5958023	-45	152.4	675	80
95HF-6	474944	5957870	-45	128	670	80
95HF-7	474870	5957930	-45	152.4	645	80
95HF-8	474950	5957782	-45	125	675	80

Table 5. Significant Assay Data.

DDH I.D.	From (m)	To (m)	Interval length (m)	Cu%
95HF-4	56.72	61.51	**4.79**	**0.15**
and	72.45	74.94	**2.49**	**0.55**
95HF-5	23.12	26.69	3.57	0.11
and	29.14	32.14	3	0.13
95HF-6	48.63	50.59	**1.96**	**0.62**
and	54.86	56.39	**1.53**	**0.38**
and	87.45	116.18	**28.73**	**0.39**
95HF-7	**No significant assay results**			
95HF-8	79.35	94.15	**14.8**	**0.32**
and	113.68	118.87	**5.19**	**0.22**

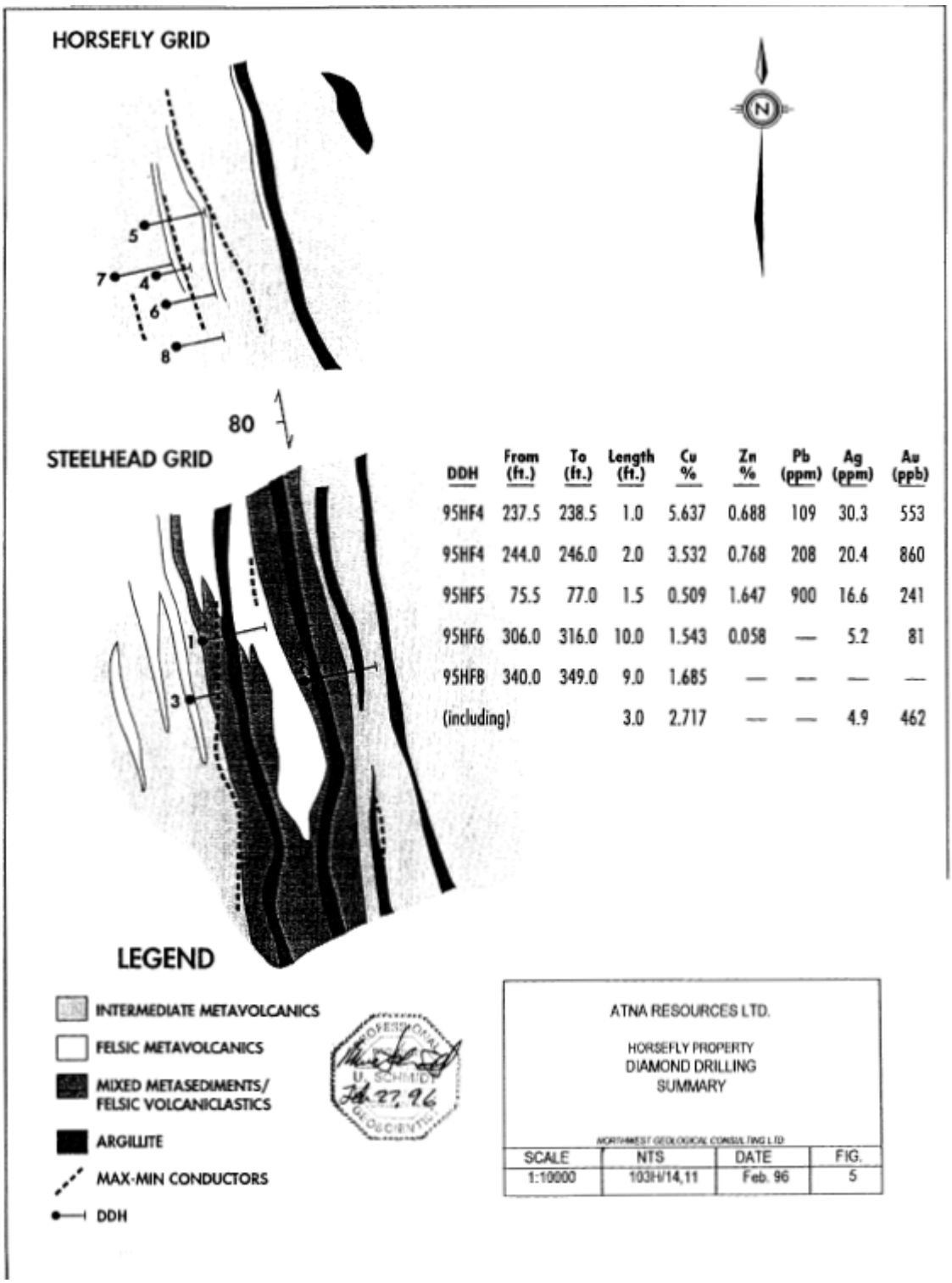
During the extraction of the remaining halved core from the 1995 drill core boxes, it was noted that many other areas of the core "could have or should have" been sampled; however, due to unknown circumstances surrounding the reasoning of the selected core interval lengths UTM is examining what has been sampled. The core was strongly mineralized, strongly altered and, in numerous instances, inundated with abundant quartz veining (see photo library of core boxes).

In conclusion, the 1995 drilling barely tapped into the underlying potential of the Horsefly shear zone. The shear observed on surface, striking northwest by southeast, strongly altered and inundated with stockwork veining, was encountered subsurface in two separate strongly copper-rich zones. The zones of copper mineralization are described as two zones simply because the entire sequence of rock between the two zones was not sampled in 1995. Smaller zones exist within the intersected core lengths closer to surface.

The Horsefly zone is moderately rich to locally strongly rich in copper mineralization, but only five drill holes, separated by 100 meters each, intersected the shear. In some instances

the drill hole did not advance deep enough to properly continue through the entire altered sequence of sheared rock.

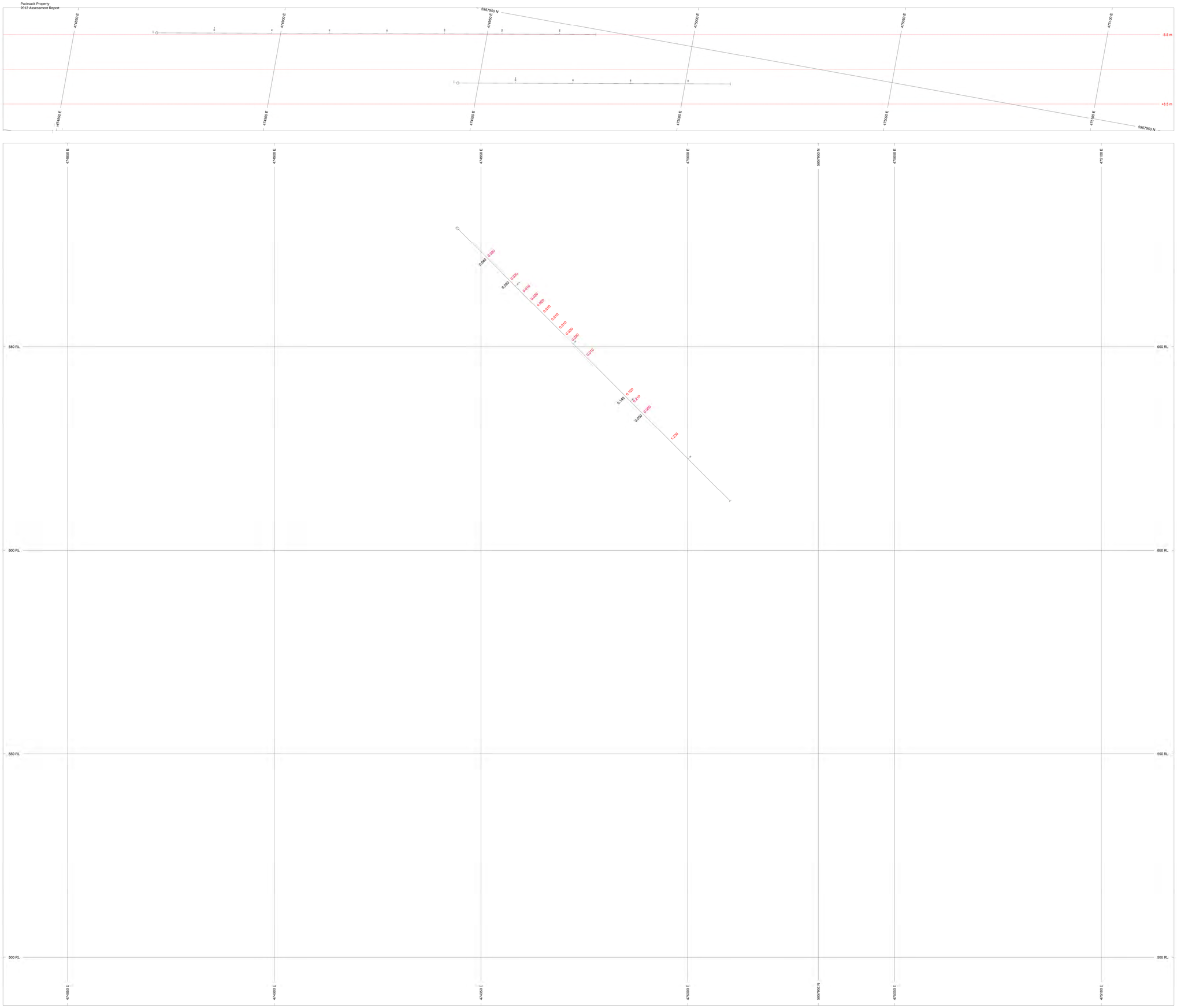
The Horsefly zone shows great potential for excellent copper mineralization. Once the re-assay portion of the field work was completed UTM utilized the helicopter to explore the strike length of the known shear zone. The hillsides were heavily covered in trees and marshy material; however, where larger streams cross cut the strike, the same heavily altered, strongly deformed shear zone was encountered on four occasions, thus extending the possible strike length to 7.7 km (see Figure 16).



DDH	From (ft.)	To (ft.)	Length (Ft.)	Cu %	Zn %	Pb (ppm)	Ag (ppm)	Au (ppb)
95HF4	237.5	238.5	1.0	5.637	0.688	109	30.3	553
95HF4	244.0	246.0	2.0	3.532	0.768	208	20.4	860
95HF5	75.5	77.0	1.5	0.509	1.647	900	16.6	241
95HF6	306.0	316.0	10.0	1.543	0.058	—	5.2	81
95HF8	340.0	349.0	9.0	1.685	—	—	—	—
(including)			3.0	2.717	—	—	4.9	462

EXCERPT FROM ASSESSMENT REPORT #24368A – ILLUSTRATING POSTIONING OF 1995 HORSEFLY DRILLHOLES AND 1995 SIGNIFICANT ASSAY RESULTS

Figure 6.



ASSAYS L/R TEXT
Cu% R
1995 Cu% L

SECTION SPECS:

REF. PT. E, N	474976 m	5957940 m
EXTENTS	267.7 m	211.9 m
SECTION TOP, BOT	700 m	488.1 m
TOLERANCE +/-	8.5 m	

SCALE 1 : 300

(m)

-4 0 4 8 12

*unknown

AZIMUTH = 79.8°
N
W E
S

Winrock Resources
Packsack Property
Cross section
95HF-4

Figure 7.

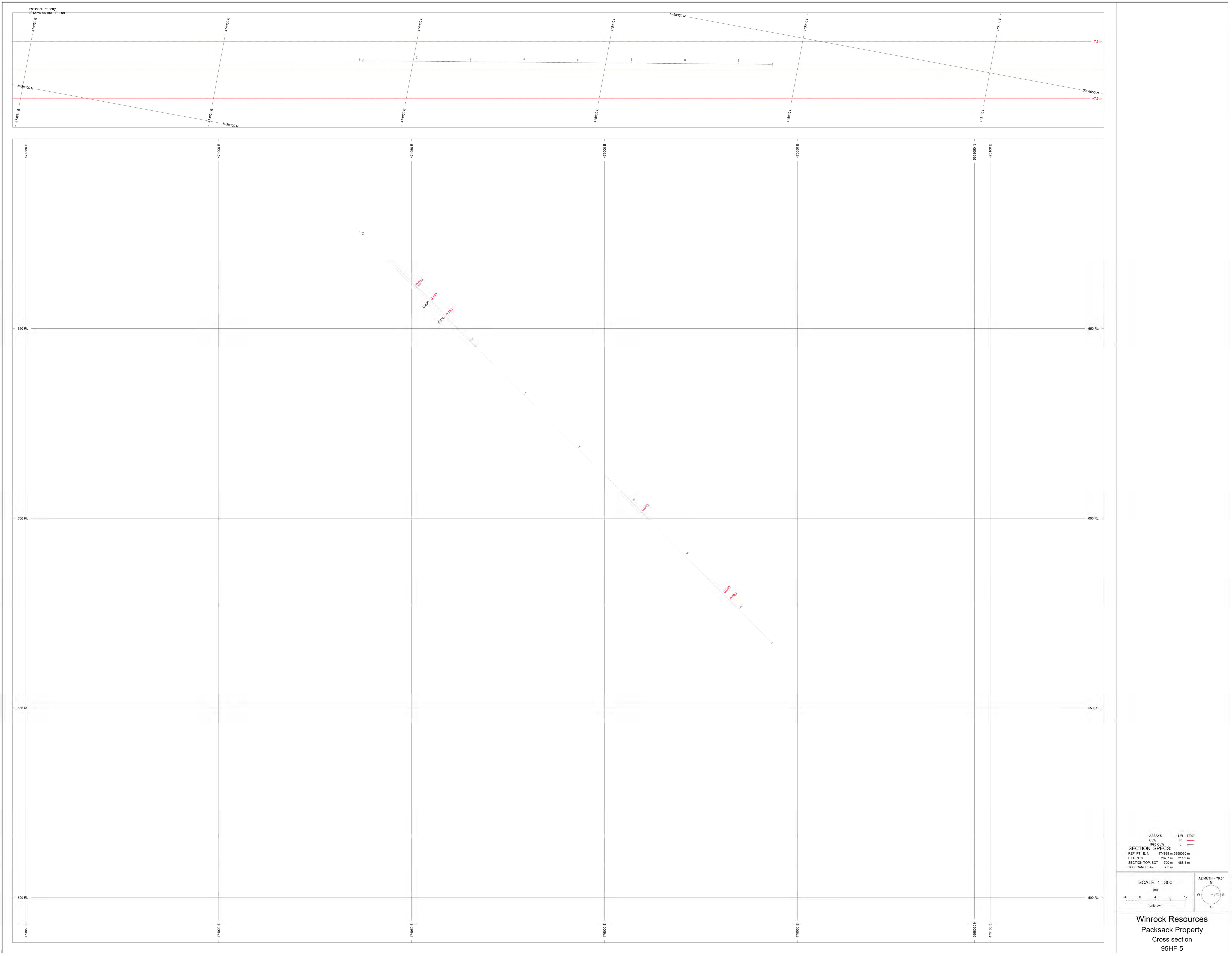
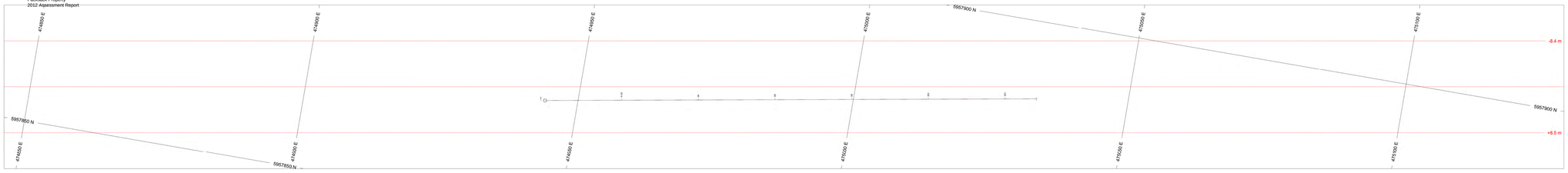
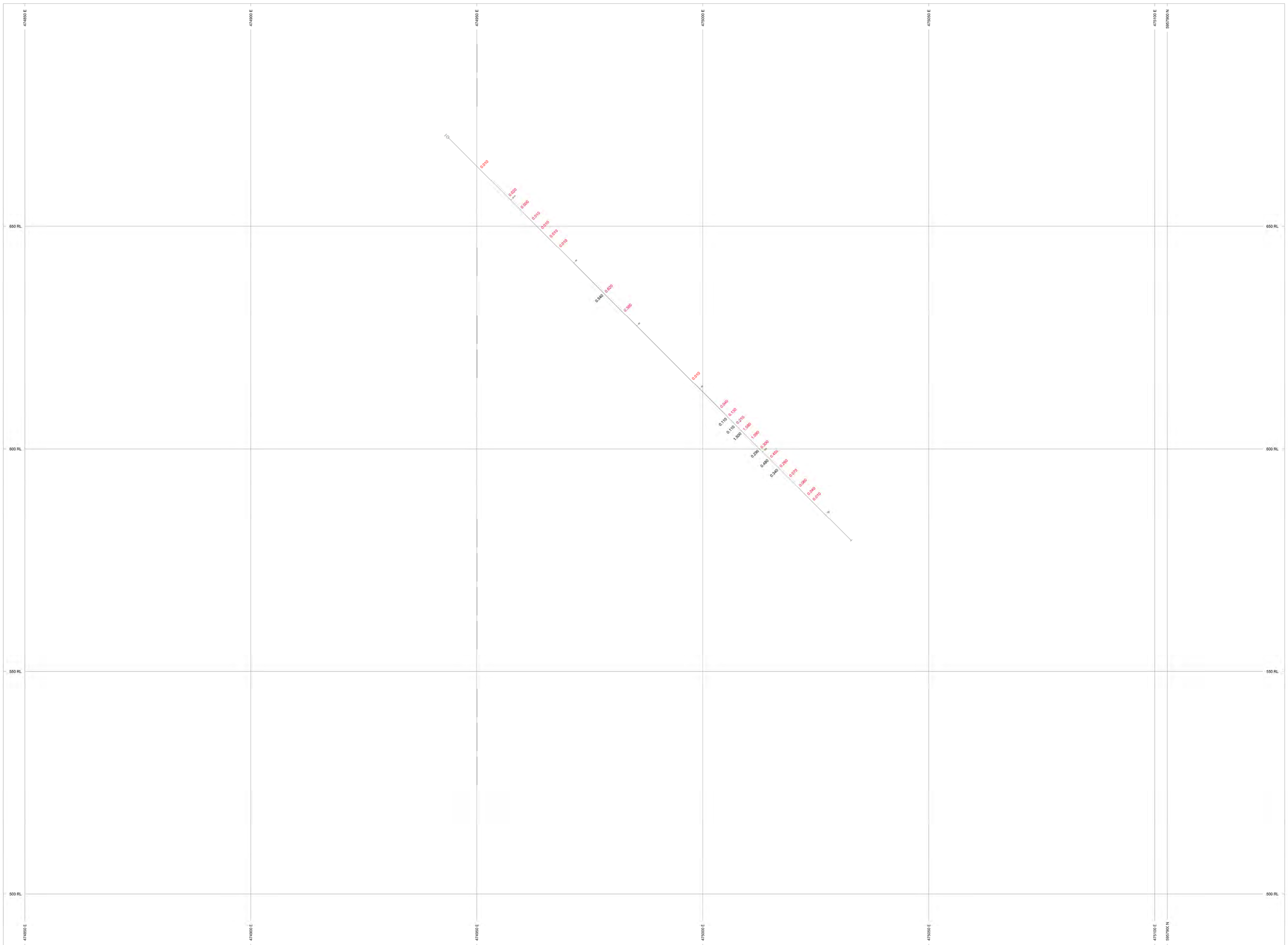

5958000 N
5958050 N
474850 E
474900 E
474950 E
475000 E
475050 E
475100 E
-7.5 m
+7.5 m
650 RL
600 RL
550 RL
500 RL
SECTION SPECS:
SCALE 1 : 300
(m)
AZIMUTH = 79.5°
N
S
E
W
Winrock Resources
Packsack Property
Cross section
95HF-5

Figure 8.





ASSAYS L/R TEXT
Cu% R
1995 Cu% L

SECTION SPECS:

REF. PT. E, N	474887 m	5957880 m
EXTENTS	287.7 m	211.9 m
SECTION TOP, BOT	700 m	488.1 m
TOLERANCE +/-	8.46 m	

SCALE 1 : 300

(m)

-4 0 4 8 12

*unknown

AZIMUTH = 80.2°

N W E S

Winrock Resources
Packsack Property
Cross section
95HF-6

Figure 9.

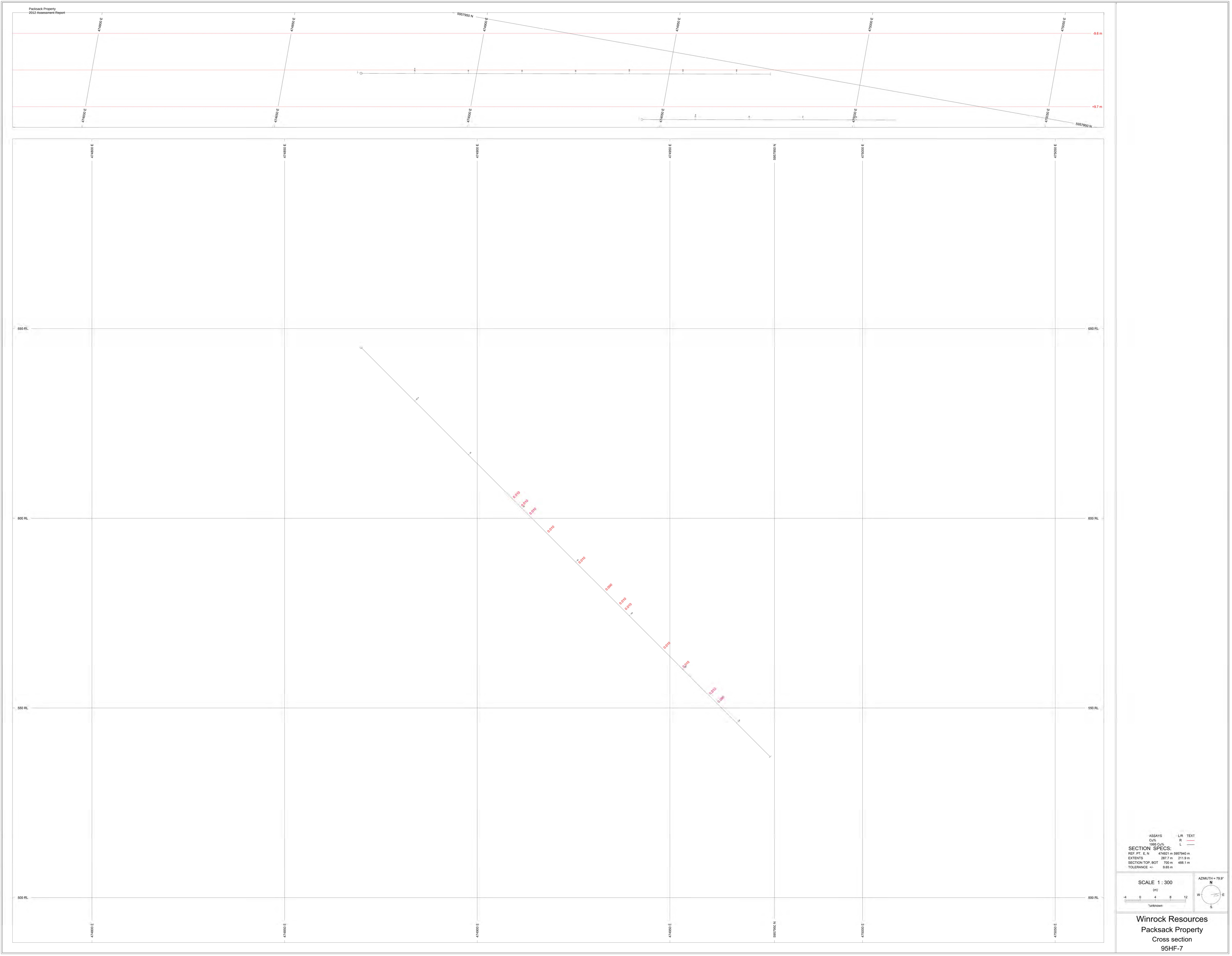
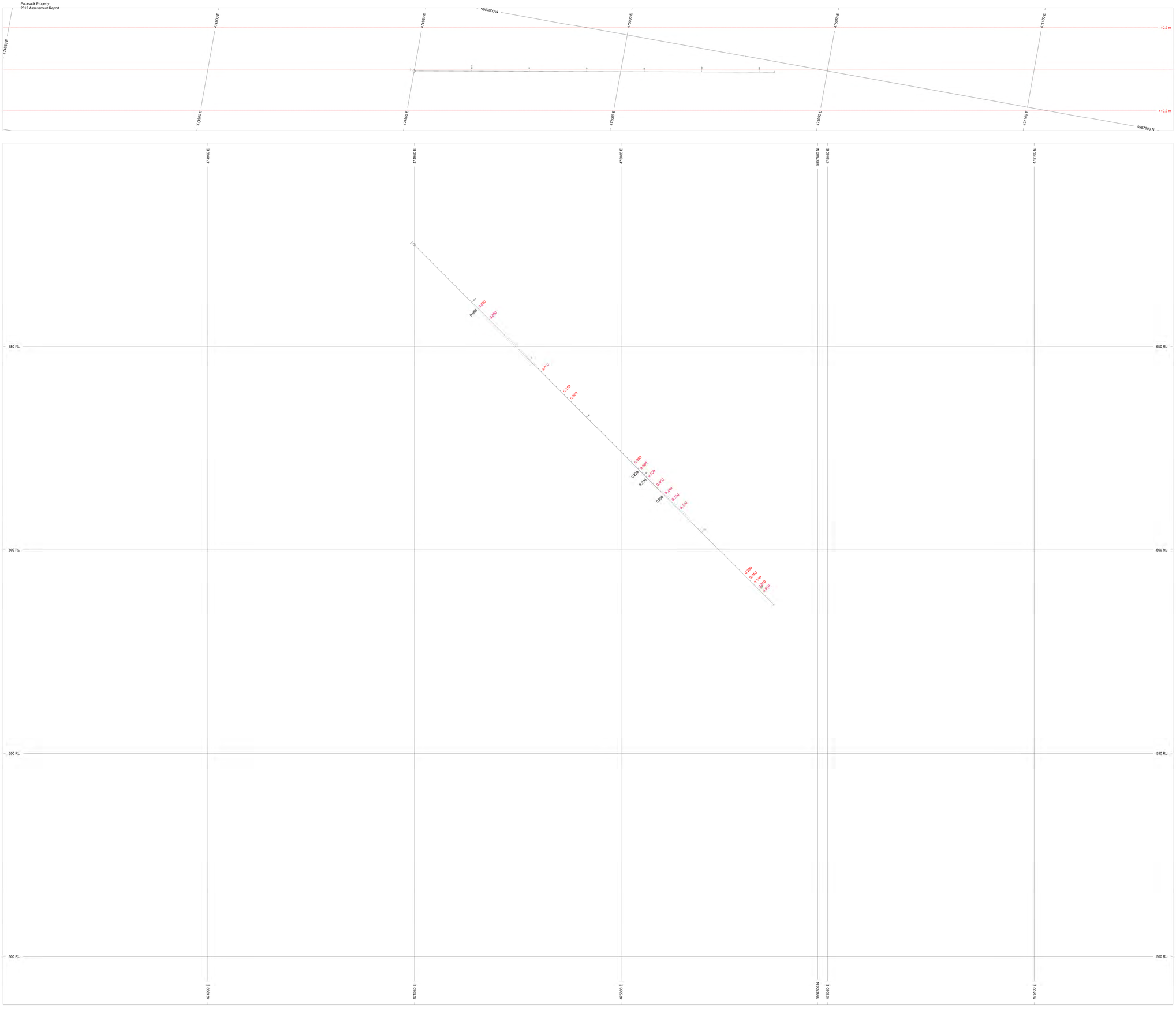

ASSAYS L/R TEXT
Cu% R
1995 Cu% L
SECTION SPECS:
REF. PT. E, N 474921 m 5957940 m
EXTENTS 287.7 m 211.9 m
SECTION TOP, BOT 700 m 488.1 m
TOLERANCE +/- 9.65 m
SCALE 1 : 300
(m)
-4 0 4 8 12
*unknown
AZIMUTH = 79.9°
N
W
E
S
Winrock Resources
Packsack Property
Cross section
95HF-7
650 RL
600 RL
550 RL
500 RL
474800 E
474850 E
474900 E
474950 E
5957950 N
475000 E
475050 E

Figure 10.



ASSAYS L/R TEXT
Cu% R
1995 Cu% L

SECTION SPECS:

REF. PT. E, N	474992 m	5957790 m
EXTENTS	287.7 m	211.9 m
SECTION TOP, BOT	700 m	488.1 m
TOLERANCE +/-	10.2 m	

SCALE 1 : 300

(m)

-4 0 4 8 12

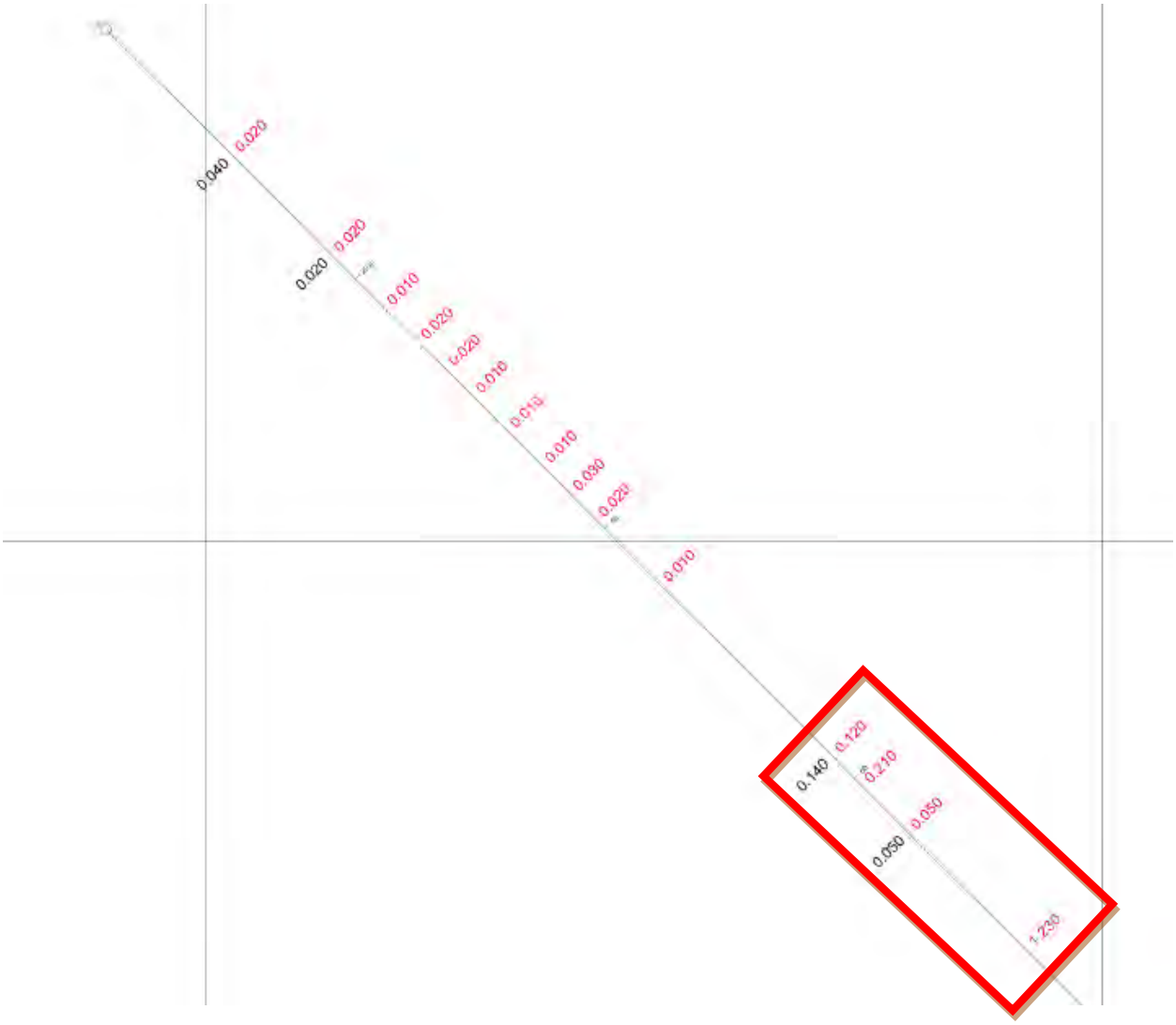
*unknown

AZIMUTH = 79.8°

N W E S

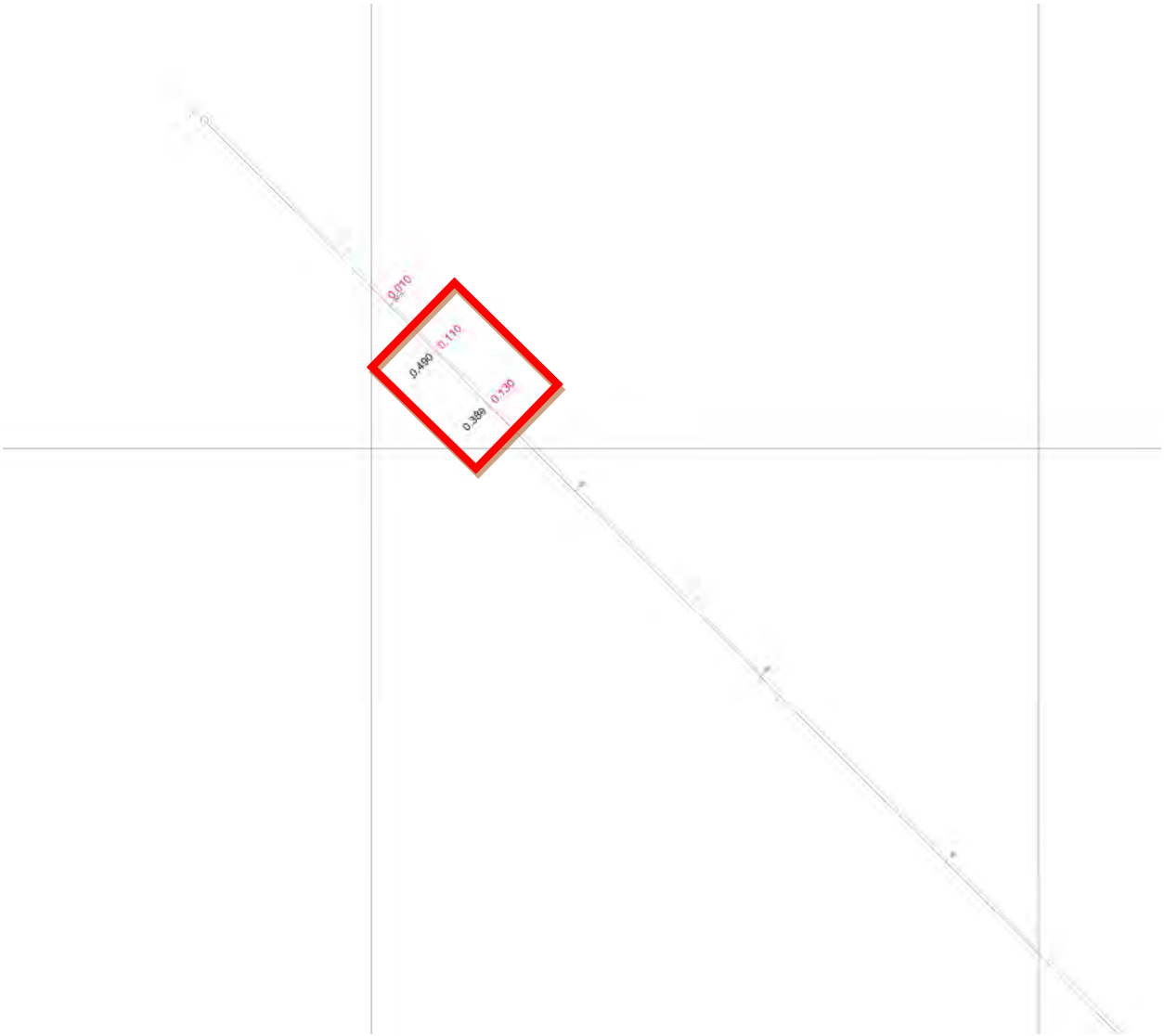
Winrock Resources
Packsack Property
Cross section
95HF-8

Figure 11.



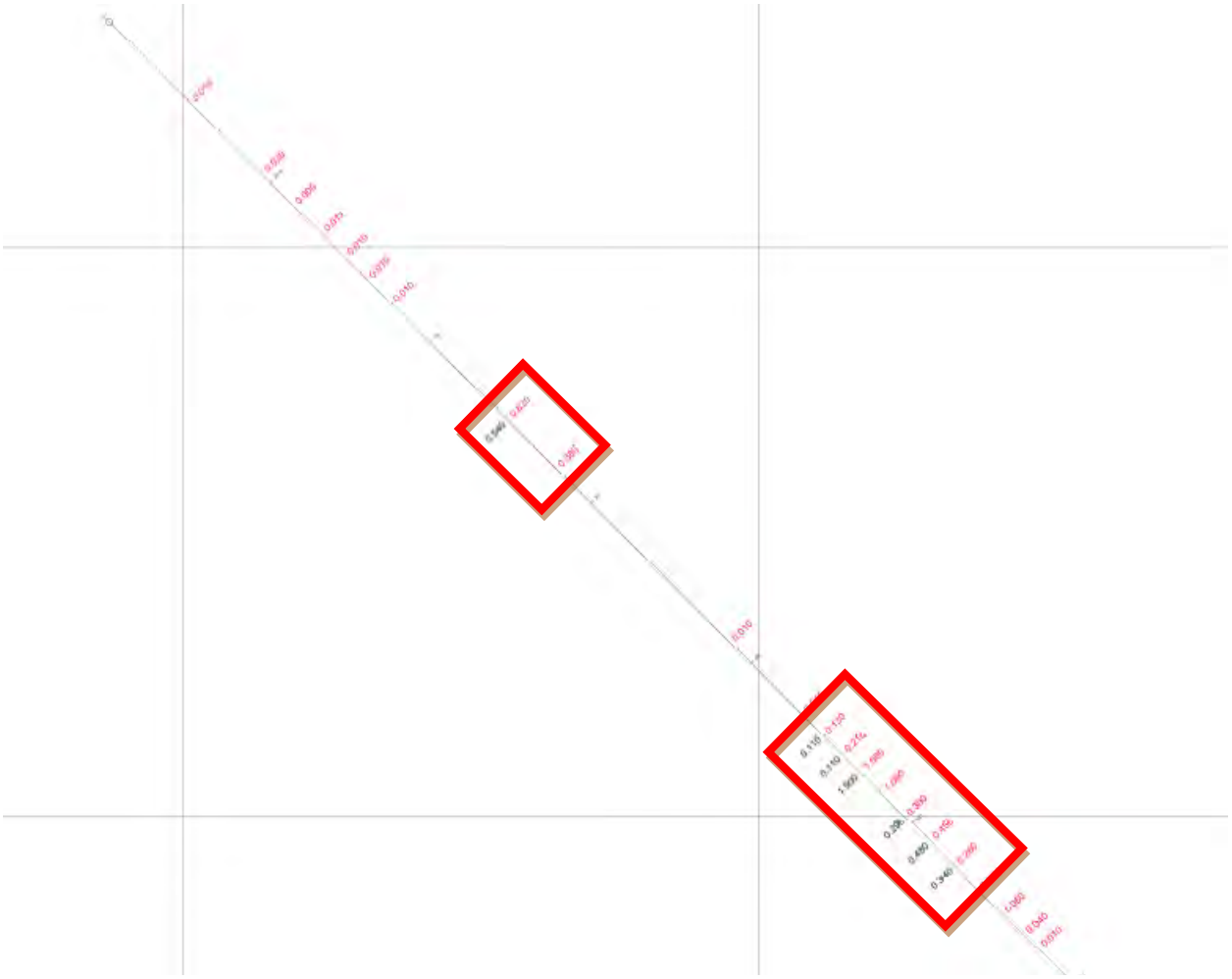
DRILLHOLE 95HF-4 CROSS SECTION SHOWING MINERALIZED CORRIDOR

Figure 12.



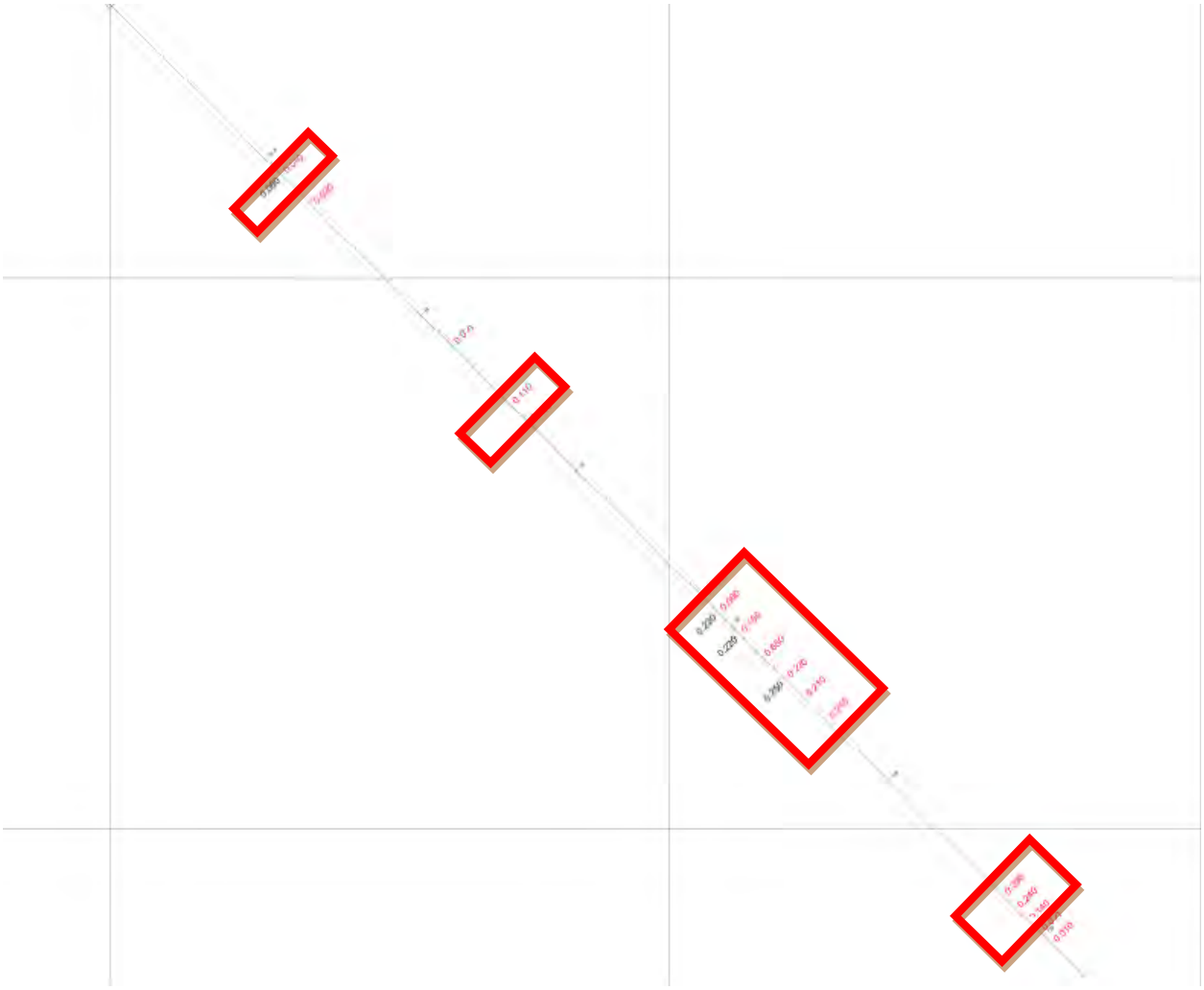
DRILLHOLE 95HF-5 CROSS SECTION SHOWING MINERALIZED CORRIDOR

Figure 13.



DRILLHOLE 95HF-6 CROSS SECTION SHOWING MINERALIZED CORRIDOR

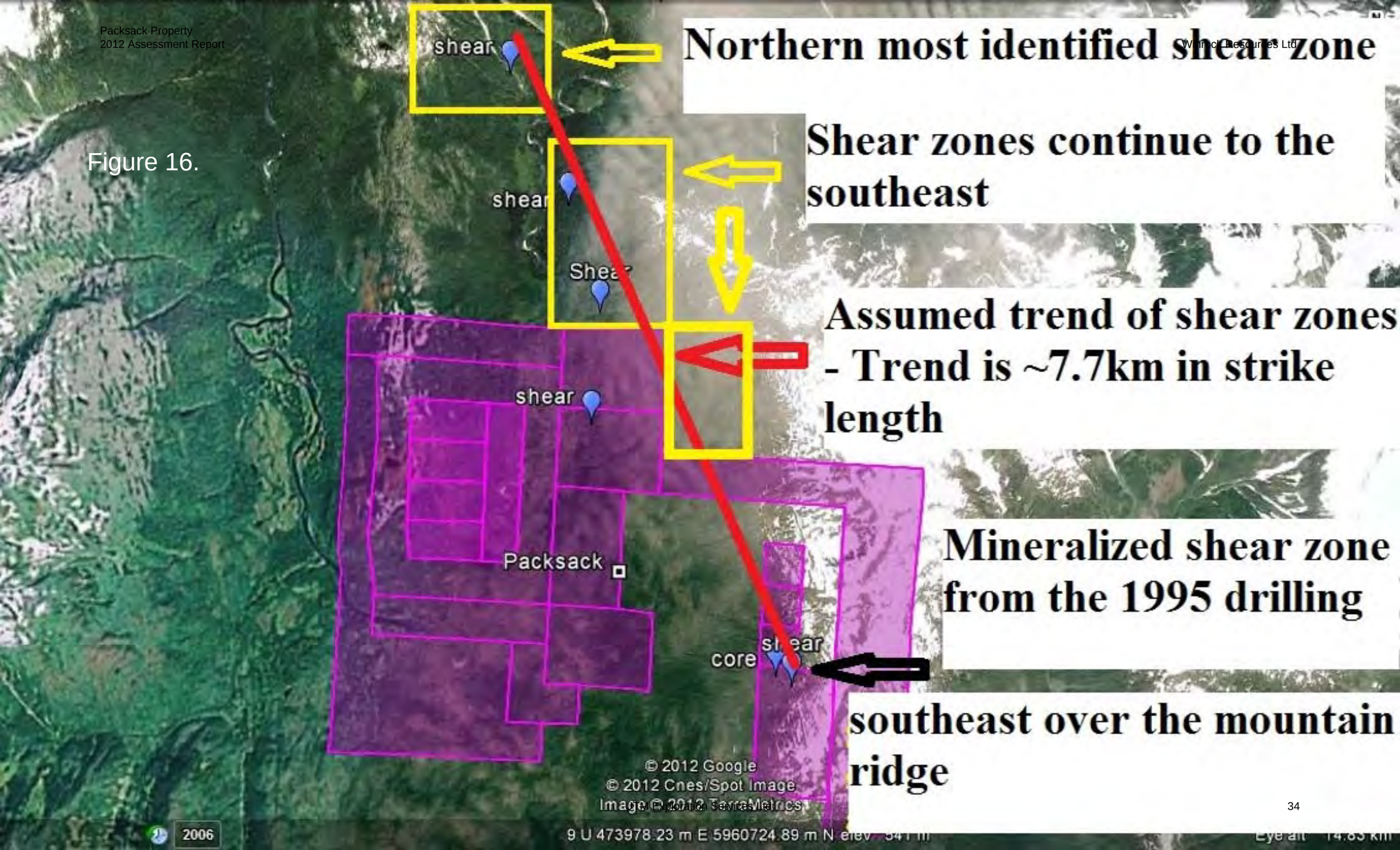
Figure 14.



DRILLHOLE 95HF-8 CROSS SECTION SHOWING MINERALIZED CORRIDOR

Figure 15.

Figure 16.


shear
shear
Shear
shear
Packsack
core
shear
Northern most identified shear zone
Shear zones continue to the southeast
Assumed trend of shear zones - Trend is ~7.7km in strike length
Mineralized shear zone from the 1995 drilling
southeast over the mountain ridge
© 2012 Google
© 2012 Cnes/Spot Image
2006

9. RECOMMENDATIONS

The results of the 2012 program warrant continued work on the property and the following work is suggested:

Packsack Showing Area

- Geochemical soil grid established over the Packsack area
- Complete detailed mapping program with focus on the individual lenses and the petrography
- Detailed prospecting of the Packsack area with samples taken for ICP-MS analysis as well as thin section
- Magnetometer survey of the gridded area
- Drill program if results of above program warrant further subsurface examination

An estimated $200,000-$250,000 exploration program is exploration for the Packsack showing area.

Horsefly Showing Area

- Detailed mapping program
- Trenching program along strike of known shear zone
- Prospecting and sampling
- Geochemical soil sampling program from known shear zone northwest to the first intersection of shear zone within the creek exposure
- IP survey over gridded area
- Drill program should surface results warrant continued subsurface examination

Other Target Areas

- In particular, the Steelhead showing area to the immediate southeast of the Horsefly warrants continued exploration in the capacity of mapping and prospecting in effort to tie the steelhead zone of mineralization to that of the Horsefly zone mineralization. It is assumed the two are continuous through exploration efforts performed in 1995 with Atna Resources; however, additional exploration is recommended beyond the 3 drillholes that were collared into the Steelhead zone in 1995. It is believed that these 3 drillholes missed the actual target to the southeast and on the ground mapping and prospecting following the Horsefly shear to the southeast will better delineate new targets.

An estimated $300,000 - $350,000 exploration program is recommended for the Horsefly Showing Area.

10. Statement of Costs

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Richard Beck	Oct 17-21, Oct 13	6	$650.00	$3,900.00	
Richard Alexander	Oct 17-21	5	$400.00	$2,000.00	
Brayden Veilleux	13-Oct	1	$400.00	$400.00	
			$450.00	$0.00	
				$6,300.00	**$6,300.00**
Office Studies	**List Personnel (note - Office only, do not include field days**				
Pre field Prep		1.4	$650.00	$910.00	
GIS		4.5	$60.00	$270.00	
Expediting		0.0	$550.00	$0.00	
Logistics		0.0	$550.00	$0.00	
Report preparation		5.0	$650.00	$3,250.00	
Report preparation		0.0	$550.00	$0.00	
Other (specify)					
				$4,430.00	**$4,430.00**
Airborne Exploration Surveys	**Line Kilometres / Enter total invoiced amount**				
Aeromagnetics			$0.00	$0.00	
Radiometrics			$0.00	$0.00	
Electromagnetics			$0.00	$0.00	
Gravity			$0.00	$0.00	
Digital terrain modelling			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Remote Sensing	**Area in Hectares / Enter total invoiced amount or list personnel**				
Aerial photography			$0.00	$0.00	
LANDSAT			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Ground Exploration Surveys	**Area in Hectares/List Personnel**				
Geological mapping					
Regional		*note: expenditures here*			
Reconnaissance		*should be captured in Personnel*			
Prospect		*field expenditures above*			
Underground	Define by length and width				
Trenches	Define by length and width			$0.00	**$0.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	*note: expenditures for your crew in the field*				
SP/AP/EP	*should be captured above in Personnel*				
IP	*field expenditures above*				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				$0.00	**$0.00**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Drill (cuttings, core, etc.)			$0.00	$0.00	
Stream sediment			$0.00	$0.00	
Soil	*note: This is for assays or*		$0.00	$0.00	
Rock	*laboratory costs*		$0.00	$0.00	
Water			$0.00	$0.00	
Biogeochemistry			$0.00	$0.00	
Whole rock			$0.00	$0.00	
Petrology			$0.00	$0.00	

Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Diamond			$0.00	$0.00	
Reverse circulation (RC)			$0.00	$0.00	
Rotary air blast (RAB)			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Other Operations	**Clarify**	**No.**	**Rate**	**Subtotal**	
Trenching			$0.00	$0.00	
Bulk sampling			$0.00	$0.00	
Underground development			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Reclamation	**Clarify**	**No.**	**Rate**	**Subtotal**	
After drilling			$0.00	$0.00	
Monitoring			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
Transportation		**No.**	**Rate**	**Subtotal**	
Airfare			$0.00	$0.00	
Taxi			$0.00	$0.00	
truck rental			$100.00	$0.00	
kilometers			$0.75	$0.00	
ATV			$150.00	$0.00	
fuel			$0.00	$0.00	
Helicopter (hours)			$0.00	$11,376.61	
Fuel (litres/hour)			$0.00	$0.00	
Other					
				$11,376.61	**$11,376.61**
Accommodation & Food	**Rates per day**				
Hotel	Actual Cost			$ 396.00	
Camp	Room and Board Day rate	6.00	$65.00	$390.00	
Camp Supplies					
Samp Fuel	Propane				
				$786.00	**$786.00**
Miscellaneous					
Standards				0	
Expenses Markup			$0.00	$3,856.96	
				$3,856.96	**$3,856.96**
Equipment Rentals					
Prospecting Kit			$35.00	$0.00	
Field Gear (Specify)			$0.00	$0.00	
Other (Specify)					
				$0.00	**$0.00**
Freight, rock samples					
Assay		SMI1200518	$0.00	$2,470.88	
		SMI1200519	$0.00	$349.55	
				$2,820.43	**$2,820.43**
TOTAL Expenditures					**$29,570.00**

11. REFERENCES

Gareau, S.A.(1990).Geology of the Scotia-Quaal metamorphic belt, Coast Plutonic Complex, British Columbia, G.S.C. Open File 2337.

Gareau, S.A. (1991): The Scotia-Quaal metamorphic belt: a district assemblage with pre-early Late Cretaceous deformational and metamorphic history, Coast Plutonic Complex, British Columbia, Can Jour. Earth Sci. 28, 870-880 (1991).

Maxwell, G., Bradish, L. (1986): Geological, Geophysical and Geochemical report on the Horsefly Group, Assessment report #15306.

12. Statement of Qualifications

I, Anastasia Ledwon, of 4901 Slack Road, Smithers, BC V0J 2N2, do hereby state that:

- I graduated in 1997 from the University of Victoria, BC with a Bachelor of Science degree in Earth and Ocean Sciences, With Honours, With Distinction;
- I have been a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia since 2009, Licence # 33898;
- I am part-owner and P.Geo for UTM Exploration Services Ltd. of Smithers, BC;
- I did not visit this property but I do oversee all QA/QC protocols for UTM Exploration Services Ltd.;
- I am not affiliated with Winrock Resources Ltd.

Dated this day, the 31st of January, 2013, in Smithers, BC.

Anastasia Ledwon, B. Sc., P.Geo

Director, UTM Exploration Services Ltd.

I, Richard Beck, residing at 4901 Slack Road, Smithers, British Columbia, do hearby certify that:

- I am part owner of and currently employed as the Vice President of Exploration and Development by:
    - UTM Exploration Services Ltd
    - PO Box 5037
    - Smithers, BC V0J 2N2
- I attended Dalhousie University from 1985 to 1989, speacializing in geology;
- Between 1987 and 1990, and 1996 to present I have been continuously employed as a junior geologist/project manager/senior exploration geologist in the mineral exploration sector;
- I did visit this property and supervised the data herein collected.

Dated at Smithers, British Columbia, this 31st day of January, 2013.

Richard Beck
VP Exploration and Development
UTM Exploration Services

APPENDIX I: ASSAY CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Submitted By: Richard Beck
Receiving Lab: Canada-Smithers
Received: October 26, 2012
Report Date: November 22, 2012
Page: 1 of 4

CERTIFICATE OF ANALYSIS SMI12000518.1

CLIENT JOB INFORMATION

Project: Winrock
Shipment ID:
P.O. Number 40
Number of Samples: 72

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

Acme 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

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	72	Crush, split and pulverize 250 g rock to 200 mesh			SMI
1F02	72	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN
7TD	3	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0
CANADA

CC:

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. Acme 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.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

CERTIFICATE OF ANALYSIS SMI12000518.1

Method		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
G1-SMI	Prep Blank	<0.01	0.09	2.54	2.85	48.9	7	3.7	4.6	644	2.01	0.2	1.4	<0.2	5.3	60.5	0.05	0.04	0.10	37	0.52
G1-SMI	Prep Blank	<0.01	0.07	2.81	2.90	51.6	13	3.5	4.2	623	2.02	0.3	1.4	<0.2	5.1	58.6	0.03	0.03	0.06	38	0.51
100	Drill Core	1.67	1.76	221.4	31.60	105.3	972	67.4	52.7	519	3.61	1.0	<0.1	16.0	<0.1	20.7	0.58	0.19	0.57	85	2.40
101	Drill Core	3.69	3.08	245.4	471.2	1684	2933	40.5	38.1	773	7.38	30.5	0.1	19.7	0.1	23.9	17.45	1.31	0.21	103	1.50
102	Drill Core	4.30	3.33	78.16	179.1	291.6	1180	35.4	32.0	802	4.37	41.6	0.5	12.5	0.2	38.3	1.13	0.84	0.05	69	2.30
103	Drill Core	2.79	2.16	177.0	123.6	920.6	2331	29.4	28.3	717	3.98	34.6	0.1	48.4	0.2	62.1	7.25	0.44	0.03	30	3.58
104	Drill Core	3.05	2.77	206.3	165.8	679.6	3449	27.3	31.8	785	3.92	45.5	0.2	55.7	0.2	75.2	5.27	0.65	0.04	50	3.55
105	Drill Core	4.37	5.04	69.96	26.15	75.4	1034	35.2	40.7	487	4.85	53.2	0.2	38.0	0.2	35.0	0.25	0.47	0.06	65	1.90
106	Drill Core	5.11	4.77	69.44	12.96	116.0	840	31.0	39.9	670	5.16	45.4	1.1	14.6	0.2	89.5	0.38	0.28	0.04	58	3.64
107	Drill Core	4.89	3.14	79.31	12.67	106.9	1452	31.2	41.8	437	5.75	59.3	0.4	33.0	0.1	58.8	0.25	0.26	0.02	43	2.65
108	Drill Core	2.98	5.84	271.6	1228	1242	11495	24.8	37.1	271	5.59	56.0	0.2	115.8	<0.1	47.6	7.56	4.67	0.12	16	2.19
109	Drill Core	5.07	2.91	160.1	241.3	533.6	2789	29.9	39.2	788	6.48	23.9	0.4	23.7	<0.1	91.4	3.49	0.72	0.14	80	4.39
110	Drill Core	5.28	4.60	140.8	87.92	110.4	1231	49.8	43.0	896	6.10	9.4	1.1	5.4	0.2	57.1	0.30	0.23	0.39	74	4.25
111	Drill Core	5.07	1.23	1210	76.02	2888	1791	20.5	52.5	485	12.15	42.5	0.1	10.9	0.2	4.5	9.30	0.33	5.27	55	0.63
112	Drill Core	3.83	1.85	2066	48.76	2216	2158	27.6	43.7	935	13.32	4.0	0.1	9.9	0.1	1.8	11.44	0.18	3.91	141	0.42
113	Drill Core	1.35	1.35	453.5	5.93	339.2	615	32.7	29.6	846	6.95	0.8	<0.1	1.5	<0.1	12.9	0.33	0.11	0.92	185	1.90
114	Drill Core	4.27	1.41	>10000	60.59	2103	8744	22.6	140.7	946	11.96	29.5	0.3	180.7	0.1	33.0	7.69	0.20	18.20	183	3.33
115	Drill Core	2.76	1.36	175.3	7.52	109.8	1224	83.2	28.5	914	7.77	5.6	0.9	13.2	0.4	68.0	3.99	0.11	0.20	162	6.59
116	Drill Core	1.23	2.80	313.9	5.66	66.9	1238	17.9	53.3	1012	6.87	3.4	0.6	12.4	0.1	68.4	0.52	0.17	0.43	108	7.06
117	Drill Core	2.72	4.26	113.6	18.40	66.9	562	37.8	34.3	1003	5.45	3.8	0.1	4.4	<0.1	46.0	0.49	0.13	0.10	100	5.26
118	Drill Core	3.67	0.82	1096	36.94	1110	2278	43.9	63.9	1059	5.44	4.0	0.3	45.8	0.1	51.4	14.70	0.13	3.64	113	4.62
119	Drill Core	5.47	1.42	583.6	55.55	710.0	1375	25.8	50.6	856	5.71	6.7	0.4	14.1	0.2	36.8	3.00	0.17	3.50	125	3.57
120	Drill Core	3.09	2.58	484.9	107.5	961.7	1564	43.5	42.4	1066	9.64	57.8	<0.1	14.5	0.2	26.7	3.50	0.30	2.94	64	1.47
121	Drill Core	4.24	2.40	763.9	20.19	2352	1339	23.5	28.9	1437	9.13	41.9	<0.1	21.3	0.3	9.2	8.68	0.15	2.12	71	0.48
122	Drill Core	6.29	4.99	1511	19.21	732.8	1860	25.2	32.1	1309	9.20	48.7	<0.1	56.1	1.1	4.2	2.18	0.18	3.56	50	0.29
123	Drill Core	4.20	4.87	6545	8.19	209.5	2632	31.4	78.7	1528	14.36	16.6	<0.1	24.1	0.2	7.0	0.45	0.07	4.13	167	0.45
124	Drill Core	5.86	3.68	2845	7.27	258.9	1131	20.9	32.7	1081	7.55	4.7	0.4	17.4	0.7	30.7	0.66	0.05	1.15	77	1.71
125	Drill Core	3.31	2.85	2137	4.40	278.4	739	37.3	43.7	1364	9.67	<0.1	<0.1	11.0	0.3	5.4	0.42	0.03	0.67	155	0.44
126	Drill Core	6.98	8.53	3081	3.35	433.3	1141	4.4	26.1	978	6.35	0.7	0.1	8.7	1.8	3.1	1.64	0.05	2.17	17	0.22
127	Drill Core	3.99	5.54	2850	2.45	206.0	1662	18.0	71.6	900	10.10	<0.1	<0.1	33.0	0.4	19.8	0.85	0.03	0.82	184	0.91

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.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

CERTIFICATE OF ANALYSIS SMI12000518.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	%
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.001
G1-SMI	Prep Blank	0.076	11.3	10.0	0.60	234.5	0.119	<1	0.98	0.075	0.48	<0.1	2.7	0.31	<0.02	9	<0.1	0.04	5.8	
G1-SMI	Prep Blank	0.075	10.8	10.3	0.60	226.9	0.117	1	0.99	0.078	0.49	<0.1	2.8	0.32	<0.02	<5	<0.1	<0.02	5.7	
100	Drill Core	0.037	<0.5	68.7	1.84	90.3	0.194	<1	1.97	0.033	0.98	0.2	6.3	0.84	1.23	<5	1.5	0.09	4.6	
101	Drill Core	0.143	0.7	47.7	2.53	21.4	0.143	<1	2.31	0.012	0.80	0.1	7.3	1.83	4.40	47	2.9	0.28	5.8	
102	Drill Core	0.032	0.5	48.6	3.06	46.3	0.163	<1	2.78	0.011	1.15	<0.1	6.9	3.39	2.56	8	0.9	0.18	5.3	
103	Drill Core	0.030	0.6	13.9	0.78	27.1	0.120	<1	0.91	0.016	0.61	<0.1	3.1	1.65	3.98	29	1.7	0.06	1.8	
104	Drill Core	0.040	0.6	15.7	1.58	37.2	0.168	<1	1.57	0.010	0.97	<0.1	4.3	3.52	3.32	27	1.1	<0.02	3.4	
105	Drill Core	0.041	0.7	15.8	1.87	24.9	0.183	<1	1.79	0.017	0.90	<0.1	6.5	3.82	4.14	<5	0.9	0.06	4.1	
106	Drill Core	0.043	0.6	13.0	2.31	27.1	0.092	1	2.13	0.005	0.88	<0.1	5.7	3.71	4.16	<5	0.6	0.06	4.7	
107	Drill Core	0.045	0.5	9.6	2.26	21.6	0.055	<1	1.97	0.006	0.74	<0.1	4.2	3.16	5.14	6	1.0	0.08	4.0	
108	Drill Core	0.042	<0.5	3.5	0.46	15.1	0.016	<1	0.54	0.011	0.35	<0.1	1.8	1.41	6.19	36	2.7	0.05	1.3	
109	Drill Core	0.051	0.6	17.8	3.01	28.6	0.068	<1	2.72	0.015	0.68	<0.1	7.5	3.73	3.57	<5	1.0	0.03	6.7	
110	Drill Core	0.078	0.8	55.1	2.38	41.3	0.150	<1	2.35	0.016	0.36	<0.1	6.5	1.60	2.90	<5	2.0	<0.02	6.1	
111	Drill Core	0.087	0.6	9.4	1.40	14.8	0.198	<1	1.58	0.020	0.34	0.2	3.7	0.46	7.82	48	6.2	1.04	4.9	
112	Drill Core	0.062	<0.5	16.5	3.87	40.7	0.211	<1	3.95	0.011	0.42	0.1	10.0	0.64	4.54	41	8.0	2.47	9.9	
113	Drill Core	0.081	<0.5	61.4	2.98	73.5	0.182	<1	2.93	0.016	0.32	1.2	11.1	0.35	2.23	11	3.4	0.46	8.6	
114	Drill Core	0.078	<0.5	29.1	3.13	19.0	0.212	<1	3.06	0.022	0.54	0.1	14.8	0.58	5.37	133	37.5	1.60	12.9	1.228
115	Drill Core	0.318	2.3	97.4	1.98	30.2	0.133	<1	2.00	0.012	0.36	0.2	6.0	0.43	3.59	<5	7.7	0.07	5.4	
116	Drill Core	0.258	0.7	16.2	1.89	34.3	0.166	<1	2.09	0.014	0.43	0.2	4.5	0.50	2.50	<5	3.5	0.07	5.3	
117	Drill Core	0.084	0.5	38.7	2.13	31.8	0.199	<1	2.10	0.026	0.49	0.2	6.7	0.48	2.35	<5	1.7	0.02	6.1	
118	Drill Core	0.120	0.6	26.1	2.97	47.3	0.174	<1	3.04	0.018	0.64	<0.1	6.0	0.74	1.58	33	10.1	0.84	6.9	
119	Drill Core	0.234	1.1	11.6	2.23	33.4	0.225	<1	2.32	0.036	0.44	0.2	6.0	0.48	2.48	15	7.6	0.74	7.1	
120	Drill Core	0.040	0.9	49.5	2.49	15.1	0.052	<1	2.45	0.007	0.50	<0.1	7.7	1.24	6.75	26	5.5	0.92	5.9	
121	Drill Core	0.029	1.0	26.3	2.46	20.2	0.058	<1	2.46	0.006	0.44	<0.1	7.9	1.22	5.71	68	7.7	0.51	7.6	
122	Drill Core	0.023	3.6	25.9	2.83	40.5	0.022	<1	2.73	<0.001	0.21	<0.1	6.5	0.52	5.83	37	11.4	1.29	7.5	
123	Drill Core	0.029	<0.5	58.4	4.40	40.8	0.112	<1	4.86	0.001	0.68	<0.1	25.1	1.37	4.78	22	18.8	2.42	15.2	
124	Drill Core	0.022	1.7	33.2	3.39	47.0	0.044	<1	3.65	0.002	0.20	<0.1	11.6	0.31	1.98	25	6.9	0.69	10.3	
125	Drill Core	0.043	<0.5	67.0	4.79	65.8	0.058	<1	5.11	<0.001	0.37	<0.1	22.6	0.49	1.66	26	8.5	0.70	12.5	
126	Drill Core	0.007	3.5	5.3	3.04	53.2	0.024	<1	3.31	<0.001	0.17	<0.1	3.5	0.20	1.26	36	8.1	1.30	12.3	
127	Drill Core	0.030	0.8	19.8	4.60	31.8	0.055	<1	5.35	<0.001	0.28	<0.1	23.6	0.46	0.92	20	4.9	0.57	15.9	

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

CERTIFICATE OF ANALYSIS SMI12000518.1

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
128	Drill Core	2.33	3.78	2379	4.40	200.3	2459	3.8	20.4	524	4.39	1.8	<0.1	39.6	1.2	17.2	0.84	0.04	1.01	11	0.66
129	Drill Core	3.35	1.88	1363	80.44	3195	2350	29.2	42.7	722	6.37	40.1	0.2	18.1	0.4	7.2	12.10	0.58	1.02	59	0.45
130	Drill Core	4.52	0.50	147.0	18.14	285.5	224	258.1	47.4	1515	5.37	8.7	<0.1	0.3	0.1	119.6	0.16	0.07	0.07	186	5.31
131	Drill Core	3.65	1.24	130.9	107.4	1164	627	27.2	39.5	535	5.96	43.6	<0.1	4.8	0.2	16.3	4.67	0.79	0.08	143	1.07
132	Drill Core	6.36	1.20	72.46	21.72	84.6	410	30.7	13.3	859	6.02	4.1	0.5	2.2	2.4	204.8	0.92	0.37	0.57	86	4.86
133	Drill Core	5.88	0.51	72.24	20.68	78.0	381	16.8	10.7	683	6.27	5.5	0.2	8.1	0.7	274.6	0.88	0.27	0.68	69	5.28
134	Drill Core	5.10	0.73	58.99	12.71	58.2	396	68.1	23.4	817	5.57	3.1	0.4	8.2	1.7	195.8	0.61	0.13	0.50	109	5.53
135	Drill Core	3.33	6.03	146.0	8.87	56.6	662	51.1	51.8	582	4.73	11.4	1.7	20.5	0.5	59.9	0.37	0.23	0.45	93	3.56
136	Drill Core	5.99	2.46	121.4	9.35	98.7	541	35.8	33.4	781	5.53	15.6	<0.1	16.2	0.3	111.8	1.26	0.22	0.10	20	5.34
137	Drill Core	4.75	2.40	46.58	39.28	64.3	482	43.4	32.2	461	4.21	19.3	0.9	8.1	0.4	33.4	0.19	0.31	0.17	69	1.57
138	Drill Core	5.21	4.05	81.99	114.0	92.4	1074	27.8	30.6	585	4.95	12.6	0.7	8.3	0.3	50.3	0.30	0.47	0.18	73	3.35
139	Drill Core	2.19	6.92	128.7	119.8	72.8	1661	31.7	33.3	609	5.99	1.7	0.6	20.5	0.3	57.3	0.37	0.28	0.37	76	3.45
140	Drill Core	3.20	1.57	63.09	5.04	26.4	464	141.2	34.5	1592	4.71	1.2	0.1	2.3	<0.1	91.4	0.14	0.09	0.04	74	10.95
141	Drill Core	3.17	0.84	116.9	266.5	465.7	1092	42.4	37.7	1112	5.93	9.5	0.2	13.1	0.1	84.9	2.28	0.42	0.23	90	7.18
142	Drill Core	5.17	0.82	88.88	287.3	2459	1382	34.9	38.3	3137	7.25	37.2	<0.1	16.1	0.2	46.3	5.45	0.53	0.36	104	3.19
143	Drill Core	6.53	1.46	893.7	354.1	3288	2865	42.3	29.8	1022	11.36	34.3	0.2	71.8	0.5	89.0	10.12	0.37	3.19	98	1.35
144	Drill Core	4.74	5.23	51.43	9.30	88.5	674	38.1	48.7	378	5.86	36.4	0.5	15.7	0.2	17.3	0.09	0.27	0.12	62	1.46
145	Drill Core	3.98	4.74	151.6	107.5	56.2	2020	32.9	36.7	260	5.08	21.8	0.6	16.7	0.2	16.0	0.28	0.58	0.38	37	1.15
146	Drill Core	6.02	4.68	45.91	51.82	16.4	1387	15.1	31.0	108	5.87	33.0	2.8	33.8	0.4	13.2	0.17	0.51	0.11	17	0.86
147	Drill Core	7.05	4.98	59.28	34.09	63.5	1427	52.7	36.6	336	5.45	36.7	0.8	22.9	0.3	46.7	0.33	0.36	0.48	28	2.56
148	Drill Core	3.00	6.05	84.45	18.99	93.7	1567	62.9	32.9	610	6.91	23.8	0.4	21.1	0.2	61.0	0.33	0.24	0.23	73	3.81
149	Drill Core	5.53	0.71	101.0	11.08	90.8	1037	73.1	32.7	824	5.75	3.0	0.4	5.0	0.3	87.5	0.39	0.18	0.04	95	5.71
150	Drill Core	2.86	1.00	98.16	18.77	70.3	512	89.0	28.9	1265	5.15	4.0	0.4	3.4	0.3	117.7	0.44	0.10	0.07	88	9.50
151	Drill Core	4.05	2.00	6156	96.61	2413	6186	49.1	136.8	649	14.71	50.9	<0.1	91.9	<0.1	7.3	7.89	0.31	24.32	115	1.04
152	Drill Core	3.59	2.21	3804	46.05	1966	2701	9.7	92.1	744	8.93	18.3	0.3	42.6	0.2	29.6	8.24	0.23	12.13	154	3.83
153	Drill Core	2.68	4.40	59.14	1.72	50.3	438	29.6	47.6	464	8.72	43.8	<0.1	20.6	<0.1	27.2	0.20	1.40	0.27	80	2.19
154	Drill Core	5.05	1.42	442.9	461.3	3492	2694	36.2	41.2	572	7.01	49.0	0.1	24.6	0.1	13.8	12.03	0.68	2.66	32	1.15
155	Drill Core	5.13	2.37	1340	21.02	380.2	1264	24.4	42.0	1061	9.65	0.5	<0.1	9.7	0.2	5.0	0.56	0.06	1.34	143	0.33
156	Drill Core	4.01	3.41	2113	4.53	268.6	1086	33.3	73.8	822	11.65	<0.1	0.1	7.3	0.1	3.6	0.50	0.03	0.77	131	0.22
157	Drill Core	4.47	3.27	>10000	2.88	479.9	6480	36.1	159.6	912	15.91	<0.1	0.2	81.3	0.3	8.1	4.33	0.02	0.98	192	0.43

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

CERTIFICATE OF ANALYSIS SMI12000518.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	%
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.001
128	Drill Core	0.004	3.7	3.0	1.85	100.5	0.096	<1	1.91	0.038	1.11	<0.1	2.7	2.28	1.33	5	5.2	0.68	10.4	
129	Drill Core	0.041	1.4	26.2	2.42	33.5	0.116	<1	2.22	0.010	0.39	0.2	5.6	0.67	4.46	142	5.4	0.43	6.2	
130	Drill Core	0.031	0.6	820.0	6.21	97.8	0.120	<1	5.08	<0.001	0.65	<0.1	32.9	1.04	1.00	<5	0.8	<0.02	10.3	
131	Drill Core	0.070	0.8	24.9	3.93	54.2	0.185	<1	3.49	0.012	0.50	0.1	12.8	1.04	3.00	26	1.3	0.15	9.2	
132	Drill Core	0.123	9.1	80.8	2.25	26.1	0.030	2	2.34	0.063	0.38	<0.1	16.5	0.27	3.26	17	0.6	0.06	8.9	
133	Drill Core	0.108	2.8	18.4	1.43	20.2	0.016	2	1.69	0.034	0.33	<0.1	17.6	0.25	3.59	30	0.5	0.03	5.5	
134	Drill Core	0.080	5.1	162.4	2.63	27.7	0.072	4	2.66	0.027	0.65	<0.1	16.1	0.64	2.32	9	0.1	<0.02	6.3	
135	Drill Core	0.052	1.7	54.5	2.26	27.5	0.130	2	2.16	0.033	0.43	<0.1	10.0	0.50	2.58	6	2.1	<0.02	5.6	
136	Drill Core	0.034	1.2	14.0	2.30	35.3	0.021	<1	1.08	0.008	0.37	<0.1	3.0	0.51	3.33	<5	1.1	<0.02	1.8	
137	Drill Core	0.025	1.1	85.2	2.55	26.6	0.079	<1	2.18	0.017	0.75	0.2	7.6	1.71	2.40	<5	0.6	<0.02	4.4	
138	Drill Core	0.041	0.6	13.4	2.41	28.8	0.149	1	2.21	0.010	0.63	<0.1	5.8	1.18	2.55	14	1.2	0.11	4.6	
139	Drill Core	0.051	0.7	9.4	1.74	27.2	0.167	<1	1.62	0.019	0.57	0.1	6.0	1.02	2.71	<5	3.1	<0.02	3.9	
140	Drill Core	0.047	<0.5	122.0	1.67	35.8	0.191	<1	1.59	0.025	0.73	0.1	5.9	0.47	2.03	8	1.1	0.03	3.7	
141	Drill Core	0.103	0.8	44.9	2.34	24.4	0.125	<1	2.33	0.014	0.45	0.1	6.6	0.44	2.65	19	1.6	0.47	4.9	
142	Drill Core	0.056	0.8	58.2	2.26	12.7	0.171	1	2.19	0.035	0.52	0.1	10.1	0.69	4.84	75	0.5	0.09	6.4	
143	Drill Core	0.083	2.8	61.4	2.43	9.1	0.118	<1	2.41	0.236	0.59	0.1	11.0	0.68	6.27	51	3.7	1.53	6.6	
144	Drill Core	0.061	0.5	32.4	2.30	15.4	0.176	<1	2.19	0.010	0.78	0.1	4.4	2.35	4.05	<5	1.2	0.04	4.6	
145	Drill Core	0.052	<0.5	11.5	1.51	17.2	0.109	<1	1.46	0.014	0.43	0.1	2.9	1.63	3.67	<5	1.4	0.06	2.8	
146	Drill Core	0.044	0.7	15.4	0.22	10.3	0.152	<1	0.43	0.016	0.25	0.1	1.6	0.82	5.98	<5	2.0	<0.02	1.0	
147	Drill Core	0.040	<0.5	63.8	1.08	14.9	0.098	<1	1.08	0.014	0.31	<0.1	2.9	1.29	4.76	<5	1.5	0.03	2.1	
148	Drill Core	0.076	0.6	131.6	2.29	19.9	0.110	<1	2.19	0.012	0.37	0.1	6.1	1.61	3.98	<5	1.3	<0.02	5.0	
149	Drill Core	0.099	0.9	66.6	2.21	56.7	0.180	<1	2.21	0.016	0.47	<0.1	5.9	1.48	2.27	<5	1.6	0.06	5.7	
150	Drill Core	0.222	0.7	133.8	2.48	55.5	0.055	<1	2.29	0.005	0.14	0.1	4.7	0.21	1.94	<5	3.2	0.05	4.6	
151	Drill Core	0.039	<0.5	111.6	2.91	7.8	0.186	<1	2.99	0.023	0.78	0.2	6.6	1.61	7.65	119	16.0	13.24	7.3	
152	Drill Core	0.259	1.0	7.5	1.64	11.2	0.212	<1	1.71	0.038	0.67	0.2	4.7	0.91	5.21	97	27.8	0.88	6.8	
153	Drill Core	0.044	<0.5	11.6	2.16	11.7	0.167	<1	2.26	0.026	0.28	0.1	3.5	0.86	5.53	19	0.7	0.10	6.0	
154	Drill Core	0.045	0.5	12.5	1.23	9.8	0.086	<1	1.35	0.010	0.29	0.1	2.9	0.51	5.66	102	3.1	0.59	2.8	
155	Drill Core	0.035	<0.5	27.5	3.85	81.7	0.074	<1	4.16	0.005	0.38	<0.1	13.4	0.61	1.95	11	4.7	0.89	9.4	
156	Drill Core	0.021	<0.5	52.2	3.94	43.0	0.031	<1	4.56	0.003	0.12	<0.1	12.9	0.17	2.38	<5	6.7	0.67	10.3	
157	Drill Core	0.033	1.0	64.7	4.96	49.8	0.047	<1	5.98	0.002	0.22	0.9	21.0	0.30	2.91	63	14.0	0.71	16.2	1.575

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

CERTIFICATE OF ANALYSIS SMI12000518.1

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
158	Drill Core	5.37	6.57	>10000	3.02	465.7	4170	33.8	130.4	1143	14.77	<0.1	<0.1	60.0	0.5	13.5	2.44	0.03	0.80	218	0.57
159	Drill Core	5.71	10.51	2958	2.03	118.4	1139	37.1	130.3	823	13.14	<0.1	<0.1	35.9	0.3	10.3	0.64	<0.02	0.35	187	0.44
160	Drill Core	6.16	10.37	4536	2.04	128.8	2390	21.9	80.7	784	12.25	<0.1	<0.1	94.9	0.5	17.7	0.86	0.02	0.35	200	0.80
161	Drill Core	5.69	12.38	2635	1.52	205.3	1800	26.4	64.1	920	12.13	<0.1	<0.1	51.3	0.4	10.9	1.15	<0.02	0.42	228	0.57
162	Drill Core	5.39	1.87	654.8	64.69	865.2	849	19.8	35.7	2185	8.02	0.4	<0.1	14.0	0.3	9.0	3.29	0.04	1.13	159	0.43
163	Drill Core	5.41	1.44	580.3	13.00	851.0	712	22.3	31.2	1134	5.35	0.7	<0.1	18.9	0.4	15.0	5.09	0.06	0.41	60	0.69
164	Drill Core	4.57	1.81	397.0	17.20	1209	607	26.0	38.7	1619	7.68	<0.1	0.2	4.4	0.7	40.2	4.09	0.05	0.67	90	1.90
165	Drill Core	3.58	6.31	134.8	4.24	86.5	307	10.0	23.9	568	3.70	<0.1	0.2	0.4	3.3	27.1	0.66	0.03	0.18	5	1.08
166	Drill Core	5.52	1.86	54.69	38.81	114.2	339	28.4	35.7	538	5.43	47.0	0.2	8.3	<0.1	23.2	0.12	0.52	0.19	65	2.51
167	Drill Core	6.86	1.21	1110	188.6	3694	2881	30.2	60.8	1543	8.53	33.5	<0.1	48.8	<0.1	9.4	10.66	0.31	6.29	72	1.37
168	Drill Core	6.86	1.14	1274	15.54	2127	1890	46.3	47.1	870	12.40	11.0	0.1	28.5	<0.1	6.6	6.97	0.17	4.13	193	1.00
169	Drill Core	7.05	1.24	116.0	29.89	99.4	615	36.6	47.7	1432	6.40	10.4	0.2	8.9	0.2	36.5	0.10	0.26	0.20	71	2.72
170	Drill Core	2.93	18.69	143.8	8.57	478.5	1126	132.6	9.8	644	8.84	<0.1	3.7	1.4	0.9	126.4	6.49	0.43	1.34	187	6.85
171	Drill Core	4.32	4.55	240.5	9.19	175.3	1976	136.9	12.7	1021	12.59	<0.1	3.9	<0.2	0.5	167.3	2.72	0.32	2.59	242	9.02

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

CERTIFICATE OF ANALYSIS SMI12000518.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	%
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.001
158	Drill Core	0.033	2.1	54.4	6.07	47.2	0.061	<1	7.13	0.002	0.30	0.1	24.7	0.40	1.70	55	10.1	0.38	18.8	1.087
159	Drill Core	0.023	0.7	68.2	5.29	40.8	0.054	<1	6.13	0.002	0.29	<0.1	22.1	0.34	1.48	24	6.4	0.24	17.2	
160	Drill Core	0.059	1.5	22.5	5.08	13.8	0.030	<1	6.08	0.001	0.09	0.1	21.9	0.09	1.05	15	5.6	0.15	16.3	
161	Drill Core	0.061	1.8	44.8	5.71	16.9	0.031	<1	6.68	0.002	0.06	<0.1	24.8	0.03	0.70	<5	2.9	0.29	16.4	
162	Drill Core	0.036	1.6	18.5	4.91	52.3	0.031	<1	4.82	0.006	0.23	<0.1	16.2	0.14	1.21	<5	2.5	0.24	9.5	
163	Drill Core	0.047	1.5	14.4	2.53	60.6	0.013	<1	2.41	0.004	0.19	<0.1	5.1	0.10	1.42	8	1.9	0.30	4.8	
164	Drill Core	0.054	3.1	19.7	3.11	56.8	0.029	<1	3.25	0.004	0.19	<0.1	5.9	0.13	1.55	7	1.5	0.10	6.9	
165	Drill Core	0.012	15.0	5.0	0.68	102.2	0.009	<1	0.78	0.006	0.25	0.2	0.6	0.15	1.50	<5	1.2	0.08	2.3	
166	Drill Core	0.044	<0.5	26.0	1.76	15.7	0.190	<1	1.81	0.019	1.18	0.2	4.5	1.96	4.27	<5	0.8	0.02	3.9	
167	Drill Core	0.057	<0.5	33.8	2.16	10.3	0.185	<1	2.16	0.017	0.74	<0.1	3.3	1.16	5.99	127	14.8	0.62	4.7	
168	Drill Core	0.070	<0.5	74.0	3.62	18.4	0.204	1	3.68	0.024	1.09	0.1	14.2	1.49	4.89	42	5.4	1.99	9.4	
169	Drill Core	0.056	0.8	9.4	1.59	62.8	0.201	<1	1.60	0.015	0.99	0.1	5.7	0.72	3.69	11	0.9	0.06	3.3	
170	Drill Core	0.671	4.6	90.3	2.28	35.0	0.005	<1	0.72	0.005	0.12	0.5	5.4	0.13	3.83	64	18.7	0.18	1.9	
171	Drill Core	0.443	6.0	78.1	3.09	41.5	0.005	<1	0.32	0.003	0.12	0.8	2.8	0.28	5.92	211	24.5	0.28	1.5	

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

QUALITY CONTROL REPORT SMI12000518.1

		Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
		Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																						
104	Drill Core		3.05	2.77	206.3	165.8	679.6	3449	27.3	31.8	785	3.92	45.5	0.2	55.7	0.2	75.2	5.27	0.65	0.04	50	3.55
REP 104	QC			2.66	205.1	162.0	669.3	3331	27.7	30.3	766	3.88	44.6	0.2	30.5	0.2	75.5	5.15	0.72	0.03	49	3.54
114	Drill Core		4.27	1.41	>10000	60.59	2103	8744	22.6	140.7	946	11.96	29.5	0.3	180.7	0.1	33.0	7.69	0.20	18.20	183	3.33
REP 114	QC																					
132	Drill Core		6.36	1.20	72.46	21.72	84.6	410	30.7	13.3	859	6.02	4.1	0.5	2.2	2.4	204.8	0.92	0.37	0.57	86	4.86
REP 132	QC			1.06	70.85	22.00	90.3	429	29.4	13.4	861	6.01	4.2	0.6	2.3	2.3	206.5	0.87	0.36	0.60	87	4.81
139	Drill Core		2.19	6.92	128.7	119.8	72.8	1661	31.7	33.3	609	5.99	1.7	0.6	20.5	0.3	57.3	0.37	0.28	0.37	76	3.45
REP 139	QC			6.96	123.9	112.6	71.2	1578	32.5	32.1	622	5.88	1.4	0.6	4.9	0.3	53.4	0.30	0.27	0.35	75	3.40
167	Drill Core		6.86	1.21	1110	188.6	3694	2881	30.2	60.8	1543	8.53	33.5	<0.1	48.8	<0.1	9.4	10.66	0.31	6.29	72	1.37
REP 167	QC			1.21	1100	181.8	3658	2759	29.5	59.8	1552	8.59	32.3	<0.1	34.6	<0.1	9.3	10.29	0.28	6.18	73	1.38
171	Drill Core		4.32	4.55	240.5	9.19	175.3	1976	136.9	12.7	1021	12.59	<0.1	3.9	<0.2	0.5	167.3	2.72	0.32	2.59	242	9.02
REP 171	QC			4.41	238.4	8.78	167.3	1884	134.7	11.4	984	12.26	<0.1	3.9	1.8	0.5	157.9	2.63	0.32	2.52	239	8.91
Core Reject Duplicates																						
110	Drill Core		5.28	4.60	140.8	87.92	110.4	1231	49.8	43.0	896	6.10	9.4	1.1	5.4	0.2	57.1	0.30	0.23	0.39	74	4.25
DUP 110	QC		N.A.	4.69	139.0	84.89	119.8	1201	48.9	41.7	903	6.04	9.2	1.1	5.6	0.2	56.9	0.34	0.29	0.40	75	4.26
144	Drill Core		4.74	5.23	51.43	9.30	88.5	674	38.1	48.7	378	5.86	36.4	0.5	15.7	0.2	17.3	0.09	0.27	0.12	62	1.46
DUP 144	QC		N.A.	5.01	47.58	7.67	87.9	638	38.9	47.0	360	5.76	37.2	0.5	12.0	0.1	17.7	0.10	0.30	0.07	59	1.43
Reference Materials																						
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD CDN-ME-14	Standard																					
STD CDN-ME-9	Standard																					
STD DS9	Standard			13.53	110.6	129.3	307.4	1875	40.8	8.1	627	2.38	26.3	2.8	137.1	7.0	75.4	2.40	5.08	7.06	42	0.76
STD DS9	Standard			13.29	109.0	118.0	307.5	1758	41.9	8.6	613	2.45	25.2	2.6	110.8	6.0	68.3	2.36	4.90	5.82	41	0.76
STD DS9	Standard			13.16	122.1	135.4	296.5	1902	38.5	8.1	560	2.40	24.8	2.9	132.4	6.8	74.2	2.22	5.84	7.19	40	0.73
STD DS9 Expected				12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
STD CDN-ME-14 Expected																						
STD CDN-ME-9 Expected																						

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

QUALITY CONTROL REPORT SMI12000518.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	7TD
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cu
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	%
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1	0.001
Pulp Duplicates																				
104	Drill Core	0.040	0.6	15.7	1.58	37.2	0.168	<1	1.57	0.010	0.97	<0.1	4.3	3.52	3.32	27	1.1	<0.02	3.4	
REP 104	QC	0.043	0.6	15.2	1.58	31.9	0.165	<1	1.57	0.009	0.96	<0.1	4.2	3.47	3.27	10	1.3	0.10	3.2	
114	Drill Core	0.078	<0.5	29.1	3.13	19.0	0.212	<1	3.06	0.022	0.54	0.1	14.8	0.58	5.37	133	37.5	1.60	12.9	1.228
REP 114	QC																			1.246
132	Drill Core	0.123	9.1	80.8	2.25	26.1	0.030	2	2.34	0.063	0.38	<0.1	16.5	0.27	3.26	17	0.6	0.06	8.9	
REP 132	QC	0.121	9.0	78.8	2.25	31.0	0.030	<1	2.33	0.062	0.37	<0.1	16.2	0.23	3.31	18	0.7	0.03	8.5	
139	Drill Core	0.051	0.7	9.4	1.74	27.2	0.167	<1	1.62	0.019	0.57	0.1	6.0	1.02	2.71	<5	3.1	<0.02	3.9	
REP 139	QC	0.049	0.7	8.7	1.72	25.2	0.166	<1	1.60	0.019	0.56	0.2	6.0	1.01	2.74	<5	2.7	0.09	3.7	
167	Drill Core	0.057	<0.5	33.8	2.16	10.3	0.185	<1	2.16	0.017	0.74	<0.1	3.3	1.16	5.99	127	14.8	0.62	4.7	
REP 167	QC	0.055	<0.5	32.0	2.18	10.7	0.175	<1	2.18	0.017	0.75	0.1	3.1	1.09	5.97	114	13.9	0.53	4.7	
171	Drill Core	0.443	6.0	78.1	3.09	41.5	0.005	<1	0.32	0.003	0.12	0.8	2.8	0.28	5.92	211	24.5	0.28	1.5	
REP 171	QC	0.426	5.3	75.6	3.01	37.3	0.005	<1	0.32	0.003	0.12	0.6	2.6	0.28	5.86	191	23.4	0.18	1.4	
Core Reject Duplicates																				
110	Drill Core	0.078	0.8	55.1	2.38	41.3	0.150	<1	2.35	0.016	0.36	<0.1	6.5	1.60	2.90	<5	2.0	<0.02	6.1	
DUP 110	QC	0.077	0.7	56.7	2.39	44.2	0.153	<1	2.34	0.016	0.36	<0.1	6.8	1.52	2.92	<5	1.5	<0.02	5.9	
144	Drill Core	0.061	0.5	32.4	2.30	15.4	0.176	<1	2.19	0.010	0.78	0.1	4.4	2.35	4.05	<5	1.2	0.04	4.6	
DUP 144	QC	0.063	<0.5	30.6	2.20	15.0	0.160	<1	2.07	0.009	0.76	0.1	4.2	2.32	4.00	<5	0.7	0.03	4.6	
Reference Materials																				
STD CDN-ME-14	Standard																			1.284
STD CDN-ME-9	Standard																			0.676
STD CDN-ME-14	Standard																			1.302
STD CDN-ME-9	Standard																			0.668
STD DS9	Standard	0.081	15.7	119.1	0.64	311.5	0.123	2	1.00	0.089	0.40	3.2	2.8	5.50	0.17	202	5.2	5.00	5.4	
STD DS9	Standard	0.081	12.6	118.6	0.64	277.9	0.120	3	1.00	0.089	0.41	2.7	2.4	4.99	0.17	167	5.3	4.72	4.3	
STD DS9	Standard	0.081	14.0	107.3	0.63	297.3	0.112	2	0.97	0.086	0.41	2.9	2.5	5.30	0.17	204	5.6	5.63	4.5	
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59	
STD CDN-ME-14 Expected																				1.221
STD CDN-ME-9 Expected																				0.654

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

QUALITY CONTROL REPORT SMI12000518.1

		WGHT Wgt kg 0.01	1F15 Mo ppm 0.01	1F15 Cu ppm 0.01	1F15 Pb ppm 0.01	1F15 Zn ppm 0.1	1F15 Ag ppb 2	1F15 Ni ppm 0.1	1F15 Co ppm 0.1	1F15 Mn ppm 1	1F15 Fe % 0.01	1F15 As ppm 0.1	1F15 U ppm 0.1	1F15 Au ppb 0.2	1F15 Th ppm 0.1	1F15 Sr ppm 0.5	1F15 Cd ppm 0.01	1F15 Sb ppm 0.02	1F15 Bi ppm 0.02	1F15 V ppm 2	1F15 Ca % 0.01
BLK	Blank		<0.01	0.06	0.04	1.6	18	<0.1	<0.1	3	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	0.02	<0.02	<0.02	<2	<0.01
BLK	Blank																				
BLK	Blank		<0.01	0.40	<0.01	<0.1	8	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	0.04	<2	<0.01
BLK	Blank		<0.01	0.01	0.06	0.1	2	<0.1	0.1	2	<0.01	<0.1	<0.1	0.5	<0.1	<0.5	<0.01	<0.02	<0.02	<2	0.01
BLK	Blank																				
Prep Wash																					
G1-SMI	Prep Blank	<0.01	0.09	2.54	2.85	48.9	7	3.7	4.6	644	2.01	0.2	1.4	<0.2	5.3	60.5	0.05	0.04	0.10	37	0.52
G1-SMI	Prep Blank	<0.01	0.07	2.81	2.90	51.6	13	3.5	4.2	623	2.02	0.3	1.4	<0.2	5.1	58.6	0.03	0.03	0.06	38	0.51

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 22, 2012

QUALITY CONTROL REPORT SMI12000518.1

		1F15 P % 0.001	1F15 La ppm 0.5	1F15 Cr ppm 0.5	1F15 Mg % 0.01	1F15 Ba ppm 0.5	1F15 Ti % 0.001	1F15 B ppm 1	1F15 Al % 0.01	1F15 Na % 0.001	1F15 K % 0.01	1F15 W ppm 0.1	1F15 Sc ppm 0.1	1F15 Tl ppm 0.02	1F15 S % 0.02	1F15 Hg ppb 5	1F15 Se ppm 0.1	1F15 Te ppm 0.02	1F15 Ga ppm 0.1	7TD Cu % 0.001
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.1	0.03	<0.02	<5	<0.1	0.04	<0.1	
BLK	Blank																			0.001
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	0.2	<0.02	<0.02	8	0.2	0.04	<0.1	
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	0.03	<0.02	<5	<0.1	<0.02	<0.1	
BLK	Blank																			<0.001
Prep Wash																				
G1-SMI	Prep Blank	0.076	11.3	10.0	0.60	234.5	0.119	<1	0.98	0.075	0.48	<0.1	2.7	0.31	<0.02	9	<0.1	0.04	5.8	
G1-SMI	Prep Blank	0.075	10.8	10.3	0.60	226.9	0.117	1	0.99	0.078	0.49	<0.1	2.8	0.32	<0.02	<5	<0.1	<0.02	5.7	

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Submitted By: Richard Beck
Receiving Lab: Canada-Smithers
Received: October 26, 2012
Report Date: November 08, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS SMI12000519.1

CLIENT JOB INFORMATION

Project: Winrock
Shipment ID:
P.O. Number 40
Number of Samples: 11

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	11	Crush, split and pulverize 250 g rock to 200 mesh			SMI
1F02	11	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

ADDITIONAL COMMENTS

Invoice To: UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0
CANADA

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL 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. Acme 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.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 08, 2012

CERTIFICATE OF ANALYSIS SMI12000519.1

Method		WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
G1	Prep Blank	<0.01	0.09	1.71	3.05	46.1	31	4.3	4.2	567	1.86	0.3	1.4	1.2	5.0	51.6	0.01	0.04	0.07	33	0.44
G1	Prep Blank	<0.01	0.05	1.86	3.11	46.9	40	4.2	4.4	581	1.86	0.7	1.3	<0.2	4.8	51.8	0.01	0.04	0.05	33	0.44
201	Rock	1.30	0.26	12.79	4.52	16.6	79	1.7	2.5	164	1.69	1.3	0.7	1.5	7.5	3.5	0.03	0.11	0.02	20	0.06
202	Rock	1.58	4.56	1501	3.42	45.3	409	2.8	17.0	521	8.39	13.9	<0.1	34.1	0.7	0.6	0.09	0.13	88.00	82	0.03
203	Rock	1.30	1.38	96.85	11.69	103.1	334	16.5	17.2	631	6.60	10.6	0.1	21.8	1.3	3.0	0.10	0.09	0.84	59	0.26
204	Rock	1.55	0.09	4.99	0.40	1.1	16	0.9	0.2	28	0.24	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	0.04	0.45	<2	<0.01
205	Rock	1.85	3.98	9.10	2.04	24.7	29	2.7	1.6	233	2.67	0.9	<0.1	3.9	0.5	1.3	0.01	0.07	0.49	26	0.04
206	Rock	1.79	0.41	38.20	4.93	73.5	43	2.2	1.6	443	3.66	1.5	0.1	1.4	2.0	3.4	<0.01	0.05	0.20	35	0.05
207	Rock	1.97	0.56	2.75	1.15	29.5	9	4.6	8.8	684	5.08	3.2	<0.1	1.1	0.2	3.3	<0.01	0.03	0.08	96	0.16
208	Rock	2.26	1.73	57.15	1.98	43.6	74	5.7	6.4	534	3.80	3.7	0.1	3.1	2.3	2.1	0.02	0.07	0.24	31	0.13
209	Rock	2.02	0.65	608.6	2.73	43.7	132	3.0	1.2	609	9.37	13.3	<0.1	11.6	0.6	2.8	<0.01	0.05	0.65	131	0.01
210	Rock	2.30	0.03	366.2	2.36	65.2	204	3.4	7.8	613	10.44	11.8	<0.1	20.9	1.2	2.5	0.01	0.08	0.56	119	0.01
211	Rock	1.84	0.38	119.4	3.82	40.3	184	2.8	1.4	460	8.04	7.7	<0.1	17.6	0.8	1.4	<0.01	0.03	0.63	162	<0.01

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: Winrock Resources Ltd.
UTM Exploration Services Ltd.
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 08, 2012

CERTIFICATE OF ANALYSIS SMI12000519.1

Method		1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
G1	Prep Blank	0.079	9.5	11.1	0.57	222.1	0.110	<1	1.00	0.102	0.52	<0.1	2.4	0.30	<0.02	<5	<0.1	<0.02	4.9
G1	Prep Blank	0.075	9.5	11.4	0.57	213.3	0.109	<1	0.98	0.097	0.51	<0.1	2.2	0.31	<0.02	<5	<0.1	<0.02	4.7
201	Rock	0.014	7.8	3.5	0.34	9.5	0.031	<1	0.43	0.139	<0.01	<0.1	1.9	<0.02	<0.02	<5	<0.1	<0.02	2.5
202	Rock	0.026	<0.5	4.9	2.51	17.5	0.017	<1	3.22	0.033	0.05	<0.1	6.2	<0.02	1.59	13	8.1	56.50	7.9
203	Rock	0.024	1.1	29.9	1.95	21.5	0.005	<1	2.60	0.022	0.09	<0.1	5.1	<0.02	1.07	6	2.4	0.46	6.5
204	Rock	<0.001	<0.5	15.6	<0.01	7.1	<0.001	<1	0.03	0.002	0.02	<0.1	0.1	<0.02	<0.02	<5	<0.1	0.35	0.1
205	Rock	0.007	0.6	12.3	1.19	16.8	0.047	<1	1.35	0.020	0.05	<0.1	1.5	<0.02	0.03	<5	0.9	0.50	3.9
206	Rock	0.014	4.9	4.2	1.49	38.9	0.027	<1	2.07	0.027	0.14	<0.1	2.8	0.04	0.04	<5	0.9	0.12	7.2
207	Rock	0.039	<0.5	5.5	3.09	15.1	0.131	<1	3.61	0.026	0.07	<0.1	2.2	<0.02	0.03	<5	0.2	0.17	7.9
208	Rock	0.029	1.2	14.8	1.98	34.9	0.066	<1	2.17	0.033	0.11	<0.1	1.5	<0.02	0.32	6	0.9	0.49	4.3
209	Rock	0.025	<0.5	4.9	2.35	22.9	0.074	<1	3.51	0.041	0.06	<0.1	6.6	<0.02	0.21	5	2.4	0.64	9.5
210	Rock	0.051	2.8	3.2	2.26	27.3	0.007	<1	3.30	0.029	0.09	<0.1	9.1	<0.02	0.72	<5	2.9	0.60	9.5
211	Rock	0.030	0.7	5.2	2.43	17.5	0.060	<1	3.36	0.066	0.04	<0.1	11.7	<0.02	0.15	13	2.7	0.86	10.3

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 08, 2012

QUALITY CONTROL REPORT SMI12000519.1

	Method	WGHT	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01
Pulp Duplicates																					
204	Rock	1.55	0.09	4.99	0.40	1.1	16	0.9	0.2	28	0.24	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	0.04	0.45	<2	<0.01
REP 204	QC		0.10	4.69	0.36	1.1	15	0.8	0.2	26	0.25	0.4	<0.1	0.2	<0.1	<0.5	<0.01	0.02	0.35	<2	<0.01
208	Rock	2.26	1.73	57.15	1.98	43.6	74	5.7	6.4	534	3.80	3.7	0.1	3.1	2.3	2.1	0.02	0.07	0.24	31	0.13
REP 208	QC		1.69	58.65	2.05	47.3	81	5.2	6.8	550	3.81	3.4	0.1	4.7	2.3	2.0	0.02	0.07	0.24	30	0.13
Reference Materials																					
STD DS9	Standard		13.17	104.1	125.9	301.4	1730	37.6	7.5	593	2.34	24.1	2.7	113.7	6.4	68.6	2.13	4.57	5.72	38	0.72
STD DS9 Expected			12.84	108	126	317	1830	40.3	7.6	575	2.33	25.5	2.69	118	6.38	69.6	2.4	4.94	6.32	40	0.7201
BLK	Blank		<0.01	0.08	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01
Prep Wash																					
G1	Prep Blank	<0.01	0.09	1.71	3.05	46.1	31	4.3	4.2	567	1.86	0.3	1.4	1.2	5.0	51.6	0.01	0.04	0.07	33	0.44
G1	Prep Blank	<0.01	0.05	1.86	3.11	46.9	40	4.2	4.4	581	1.86	0.7	1.3	<0.2	4.8	51.8	0.01	0.04	0.05	33	0.44

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Winrock Resources Ltd.

Client: **UTM Exploration Services Ltd.**
104-1165 Main Street
Box 5037
Smithers BC V0J 2N0 CANADA

Project: Winrock
Report Date: November 08, 2012

QUALITY CONTROL REPORT SMI12000519.1

	Method	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15	1F15
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	0.001	0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																			
204	Rock	<0.001	<0.5	15.6	<0.01	7.1	<0.001	<1	0.03	0.002	0.02	<0.1	0.1	<0.02	<0.02	<5	<0.1	0.35	0.1
REP 204	QC	<0.001	<0.5	14.7	<0.01	6.4	<0.001	<1	0.03	0.002	0.02	<0.1	0.1	<0.02	<0.02	<5	<0.1	0.26	0.1
208	Rock	0.029	1.2	14.8	1.98	34.9	0.066	<1	2.17	0.033	0.11	<0.1	1.5	<0.02	0.32	6	0.9	0.49	4.3
REP 208	QC	0.029	1.2	15.1	1.98	34.4	0.068	<1	2.20	0.033	0.11	<0.1	1.4	<0.02	0.32	15	1.0	0.51	4.3
Reference Materials																			
STD DS9	Standard	0.081	13.4	110.0	0.63	277.8	0.111	2	0.96	0.090	0.42	2.7	2.8	5.31	0.16	219	5.4	5.03	4.4
STD DS9 Expected		0.0819	13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	2.5	5.3	0.1615	200	5.2	5.02	4.59
BLK	Blank	<0.001	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
Prep Wash																			
G1	Prep Blank	0.079	9.5	11.1	0.57	222.1	0.110	<1	1.00	0.102	0.52	<0.1	2.4	0.30	<0.02	<5	<0.1	<0.02	4.9
G1	Prep Blank	0.075	9.5	11.4	0.57	213.3	0.109	<1	0.98	0.097	0.51	<0.1	2.2	0.31	<0.02	<5	<0.1	<0.02	4.7

APPENDIX II: LAB METHODOLOGIES

AcmeLabs
CARECOMMITMENTPERFORMANCE

METHOD SPECIFICATIONS
GROUP 1D AND 1F – GEOCHEMICAL AQUA REGIA DIGESTION

Package Codes: 1D01 to 1D03, 1DX1 to 1DX3, 1F01 to 1F07
Sample Digestion: HNO3-HCl acid digestion
Instrumentation Method: ICP-ES (1D), ICP-MS (1DX, 1F)
Applicability: Sediment, Soil, Non-mineralized Rock and Drill Core

Method Description:

Prepared sample is digested with a modified Aqua Regia solution of equal parts concentrated HCl, HNO3 and DI H2O for one hour in a heating block of hot water bath. Sample is made up to volume with dilute HCl. Sample splits of 0.5g, 15g or 30g can be analyzed.

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	2 ppb	100 ppm
Al*	0.01%	0.01%	0.01%	10%
As	2 ppm	0.5 ppm	0.1 ppm	10000 ppm
Au	2 ppm	0.5 ppb	0.2 ppb	100 ppm
B*^	20 ppm	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Ca*	0.01%	0.01%	0.01%	40%
Cd	0.5 ppm	0.1 ppm	0.01 ppm	2000 ppm
Co	1 ppm	0.1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	0.01 ppm	10000 ppm
Fe*	0.01%	0.01%	0.01%	40%
Ga*	-	1 ppm	0.1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	5 ppb	50 ppm
K*	0.01%	0.01%	0.01%	10%
La*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Mg*	0.01%	0.01%	0.01%	30%
Mn*	2 ppm	1 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	0.01 ppm	2000 ppm
Na*	0.01%	0.001%	0.001%	5%
Ni	1 ppm	0.1 ppm	0.1 ppm	10000 ppm
P*	0.001%	0.001%	0.001%	5%
Pb	3 ppm	0.1 ppm	0.01 ppm	10000 ppm
S	0.05%	0.05%	0.02%	10%

AcmeLabs
CARECOMMITMENTPERFORMANCE

Element	Group 1D Detection	Group 1DX Detection	Group 1F Detection	Upper Limit
Sb	3 ppm	0.1 ppm	0.02 ppm	2000 ppm
Sc	-	0.1 ppm	0.1 ppm	100 ppm
Se	-	0.5 ppm	0.1 ppm	100 ppm
Sr*	1 ppm	1 ppm	0.5 ppm	10000 ppm
Te	-	0.2 ppm	0.02 ppm	1000 ppm
Th*	2 ppm	0.1 ppm	0.1 ppm	2000 ppm
Ti*	0.01%	0.001%	0.001%	5%
Tl	5 ppm	0.1 ppm	0.02 ppm	1000 ppm
U*	8 ppm	0.1 ppm	0.05 ppm	2000 ppm
V*	1 ppm	2 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	0.05 ppm	100 ppm
Zn	1 ppm	1 ppm	0.1 ppm	10000 ppm
Be*	-	-	0.1 ppm	1000 ppm
Ce*	-	-	0.1 ppm	2000 ppm
Cs*	-	-	0.02 ppm	2000 ppm
Ge*	-	-	0.1 ppm	100 ppm
Hf*	-	-	0.02 ppm	1000 ppm
In	-	-	0.02 ppm	1000 ppm
Li*	-	-	0.1 ppm	2000 ppm
Nb*	-	-	0.02 ppm	2000 ppm
Rb*	-	-	0.1 ppm	2000 ppm
Re	-	-	1 ppb	1000 ppb
Sn*	-	-	0.1 ppm	100 ppm
Ta*	-	-	0.05 ppm	2000 ppm
Y*	-	-	0.01 ppm	2000 ppm
Zr*	-	-	0.1 ppm	2000 ppm
Pt*	-	-	2 ppb	100 ppm
Pd*	-	-	10 ppb	100 ppm
Pb_{204}	-	-	0.01 ppm	10000 ppm
Pb_{206}	-	-	0.01 ppm	10000 ppm
Pb_{207}	-	-	0.01 ppm	10000 ppm
Pb_{208}	-	-	0.01 ppm	10000 ppm

* Solubility of some elements will be limited by mineral species present.
^Detection limit = 1 ppm for 15g / 30g analysis.

Limitations:

Au solubility can be limited by refractory and graphitic samples.

AcmeLabs
CARECOMMITMENTPERFORMANCE

METHOD SPECIFICATIONS
GROUP 7TD AND 7TX – ASSAY FOUR-ACID DIGESTION

Package Codes: 7TD1, 7TD2, 7TD3, 7TX1
Sample Digestion: HF-HNO_3-$HClO_4$ acid digestion
Instrumentation Method: ICP-ES (7TD, 7TX), ICP-MS (7TX)
Applicability: Rock and Drill Core

Method Description:

Prepared sample is digested to complete dryness with an acid solution of (2:2:1:1) H2O-HF-HClO4-HNO3. 50% HCl is added to the residue and heated using a mixing hot block. After cooling the solutions are made up to volume with dilute HCl in class A volumetric flasks. Sample splits of 0.5g or 0.1g can be analyzed. Very high-grade samples are reweighed at lower weight to accommodate analysis up to 100% upper limit.

Element	Group 7TD Detection	Group 7TX Detection
Ag	2 g/t	0.5 ppm
Al*	0.01%	0.01%
As	0.02%	5 ppm
Ba*	-	5 ppm
Be	-	5 ppm
Bi	0.01%	0.5 ppm
Ca*	0.01%	0.01%
Cd	0.001%	0.5 ppm
Ce	-	5 ppm
Co	0.001%	1 ppm
Cr*	0.001%	1 ppm
Cu	0.001%	0.5 ppm
Fe*	0.01%	0.01%
Hf*	-	0.5 ppm
K	0.01%	0.01%
La	-	0.5 ppm
Li	-	0.5 ppm
Mg	0.01%	0.01%
Mn*	0.01%	5 ppm
Mo	0.001%	0.5 ppm
Na	0.01%	0.01%
Nb*	-	0.5 ppm
Ni	0.001%	0.5 ppm
P	0.01%	0.01%
Pb	0.02%	0.5 ppm

AcmeLabs
CARECOMMITMENTPERFORMANCE

Element	Group 7TD Detection	Group 7TX Detection
Rb	-	0.5 ppm
S*	0.05%	0.05%
Sb	0.01%	0.5 ppm
Sc	-	1 ppm
Sn*	-	0.5 ppm
Sr	0.01%	5 ppm
Ta*	-	0.5 ppm
Th	-	0.5 ppm
Ti*	-	0.001%
U	-	0.5 ppm
V	-	10 ppm
W*	0.01%	0.5 ppm
Y	-	0.5 ppm
Zn	0.01%	5 ppm
Zr*	-	0.5 ppm

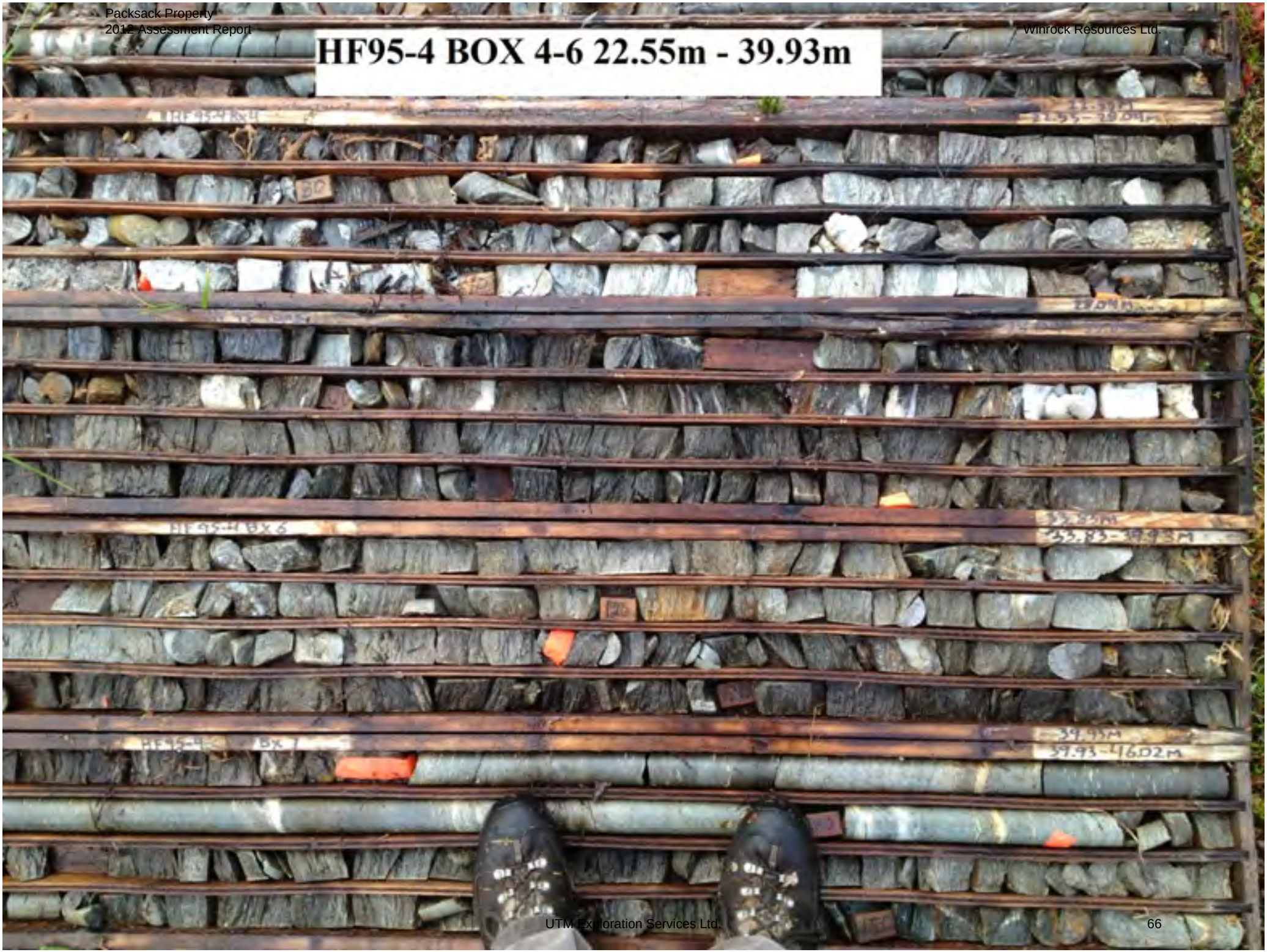
Limitations:

*This digestion is only partial for some Cr and Ba minerals and some oxides of Al, Fe, Hf, Mn, Nb, S, Sn, Ta, Ti, W and Zr if refractory minerals are present.

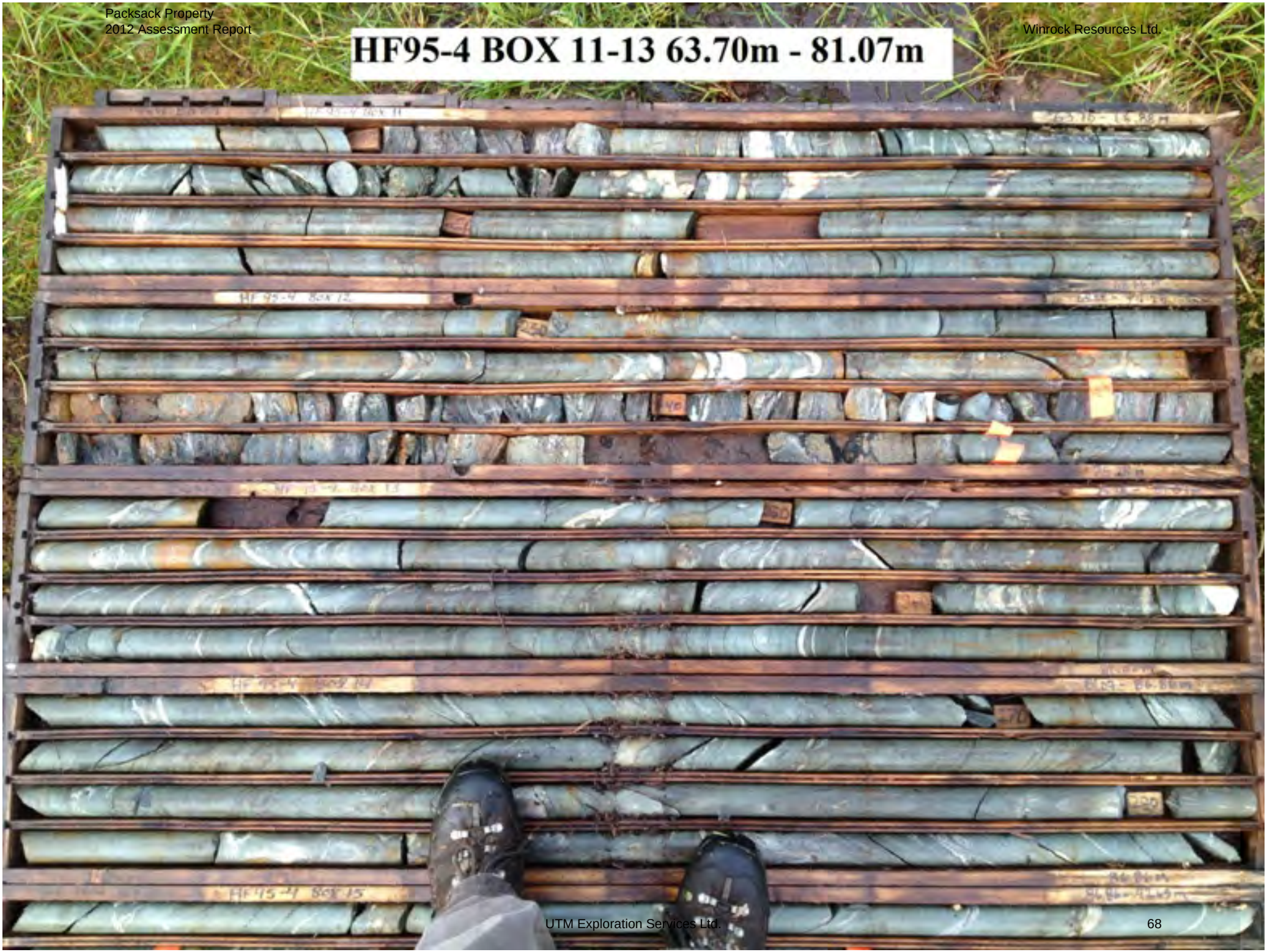
†Volatilization may occur during fuming resulting in some loss of As and Sb.

APPENDIX III: CORE PHOTOS


HF95-4 BOX1-3 4.57m - 22.55m


HF95-4 BOX 4-6 22.55m - 39.93m
39.93m
39.93-46.02m


HF95-4 BOX 7-10 39.93m - 63.70m
Winrock Resources Ltd.
HF95-4 Bx 8
46.02m
46.02 - 51.81m
51.81m
51.81 - 53.91m
53.91m
63.70m


HF95-4 BOX 11-13 63.70m - 81.07m

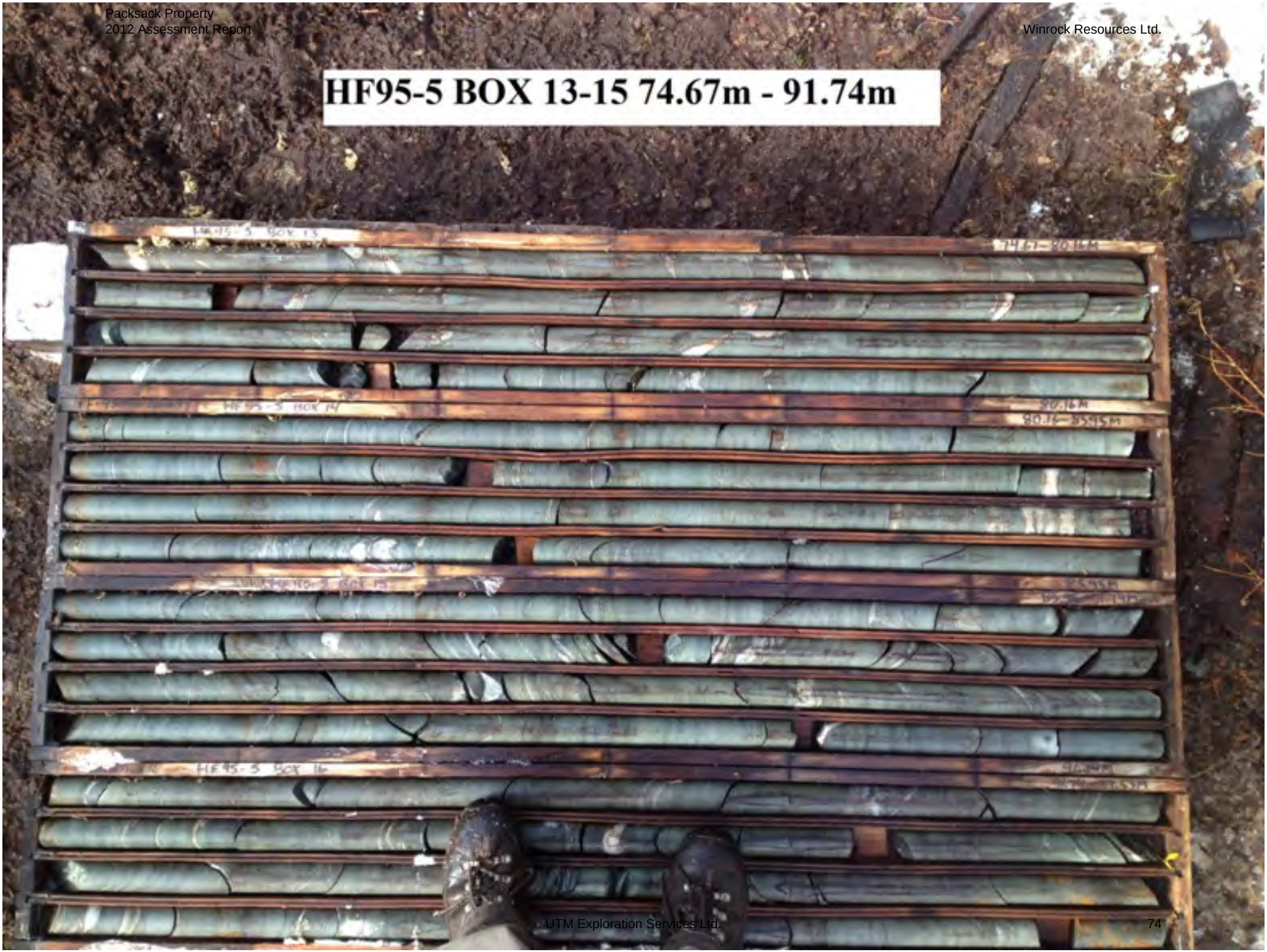

HF95-4 BOX 14-16 81.07m - 94.49m EOH


HF95-5 BOX 1-3 4.57m - 22.25m

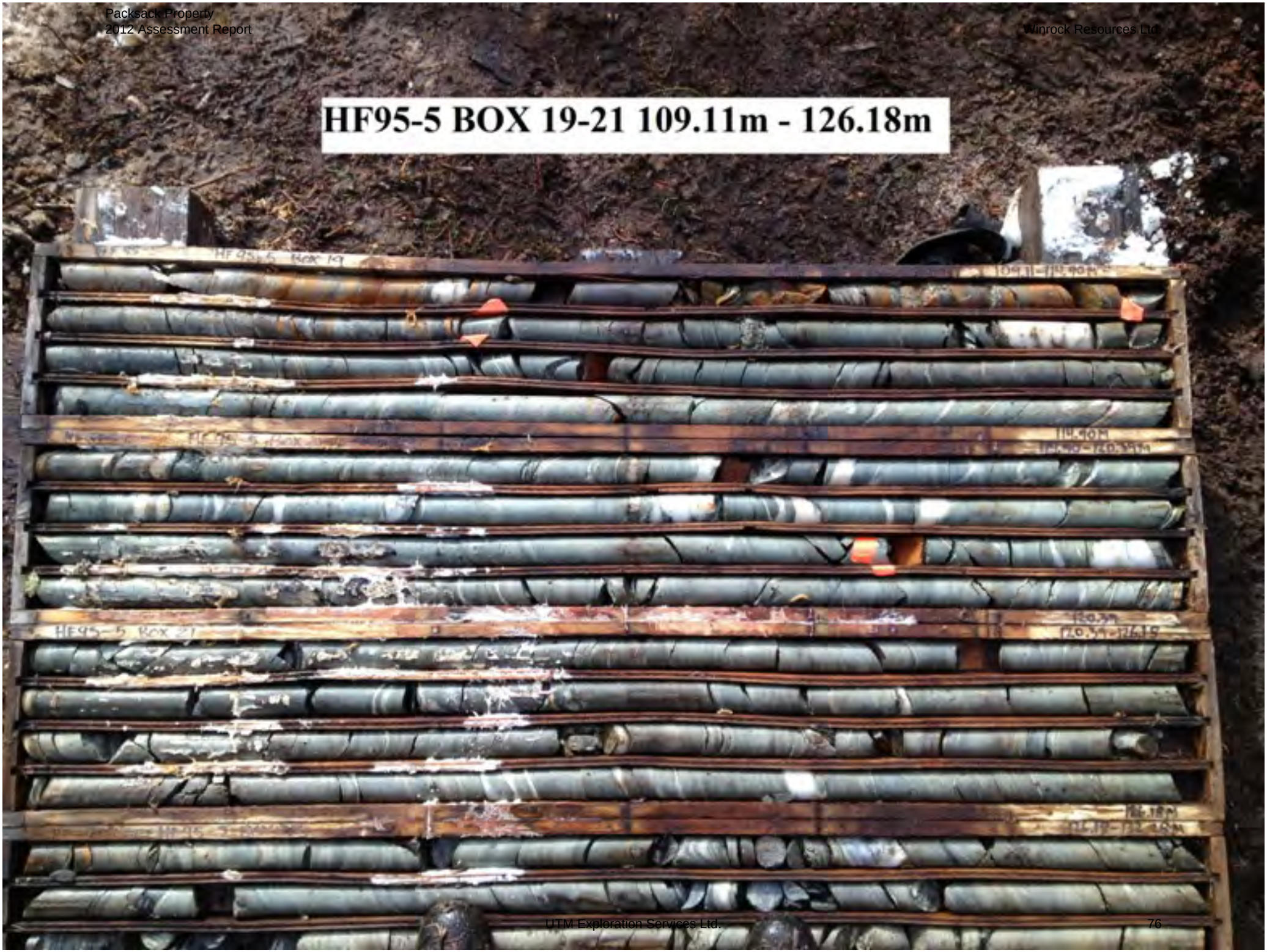

HF95-5 BOX 4-6 22.25m - 39.53m


HF95-5 BOX 7-9 39.53m - 56.99m


HF95-5 BOX 10-12 56.99m - 74.67m

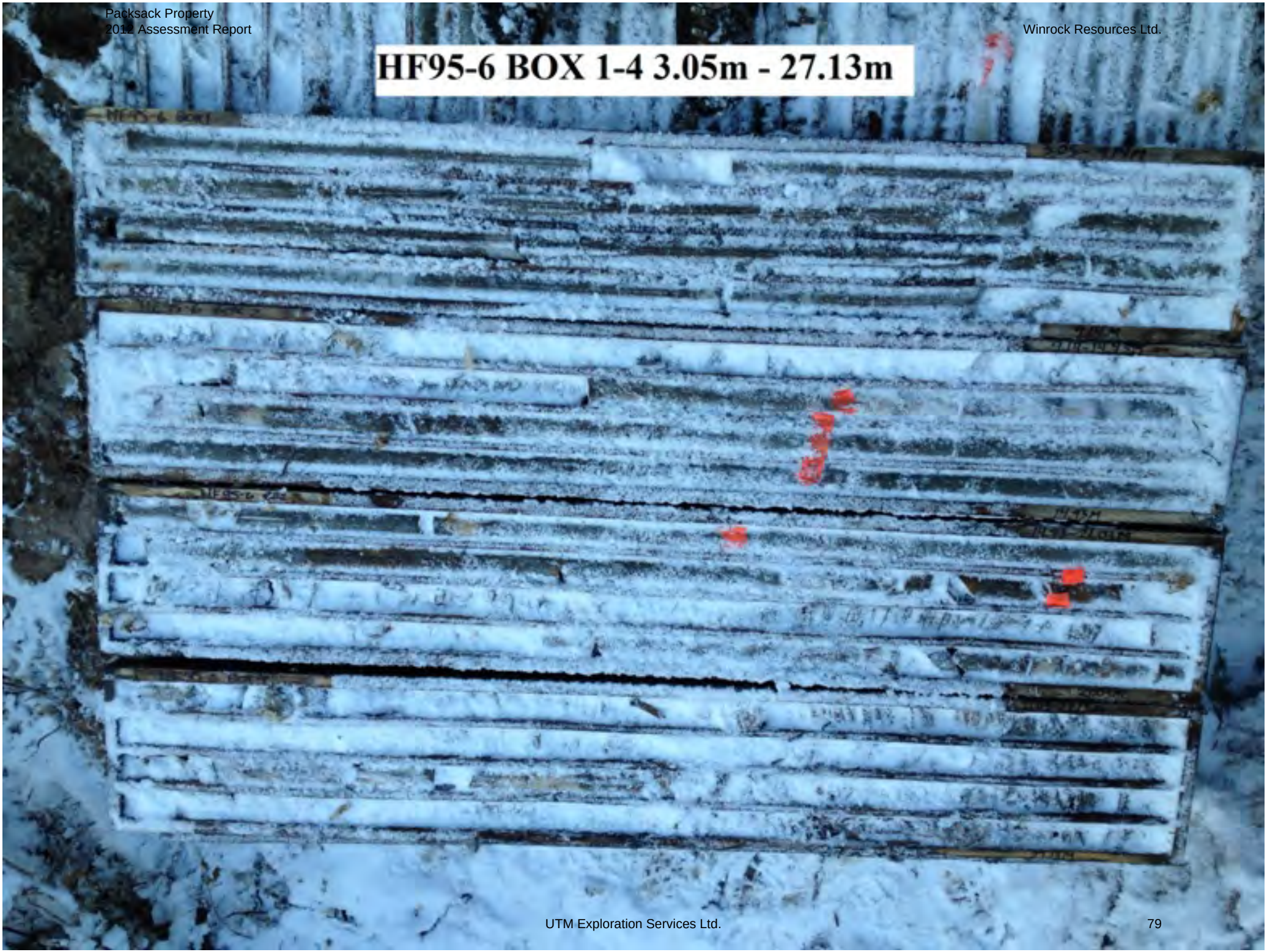

HF95-5 BOX 13-15 74.67m - 91.74m

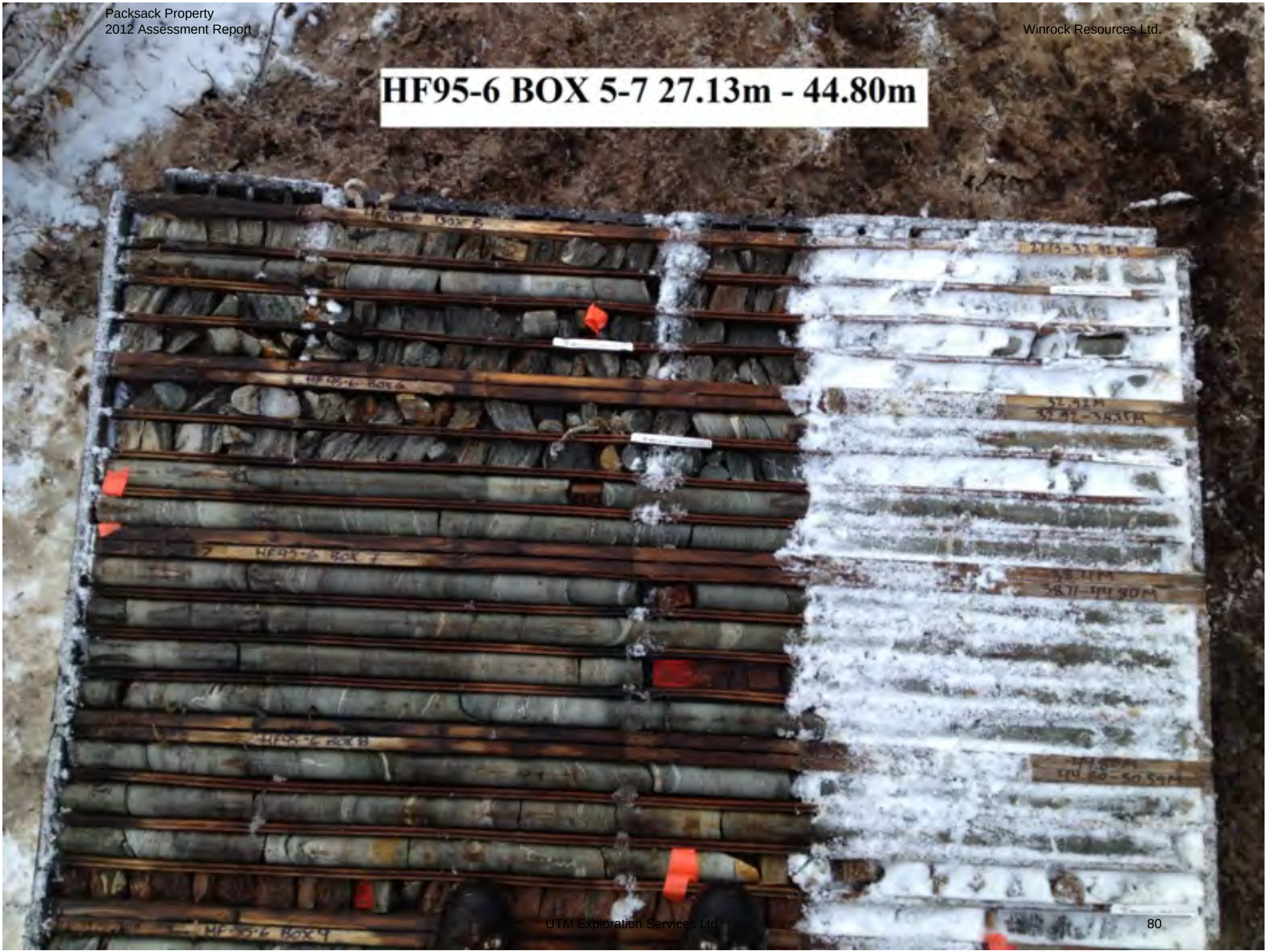

HF95-5 BOX 16-18 91.74m - 109.11m

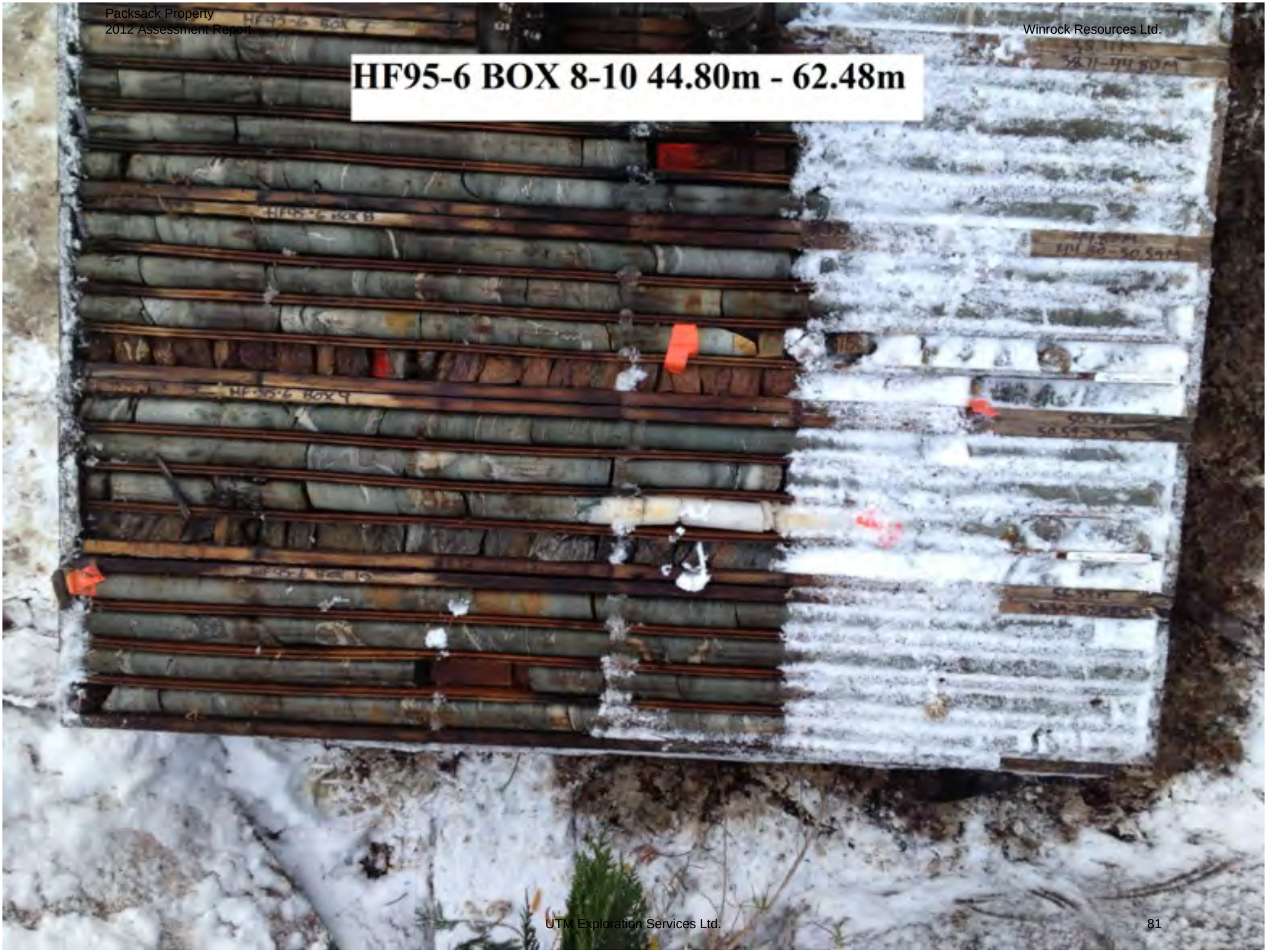

HF95-5 BOX 19-21 109.11m - 126.18m

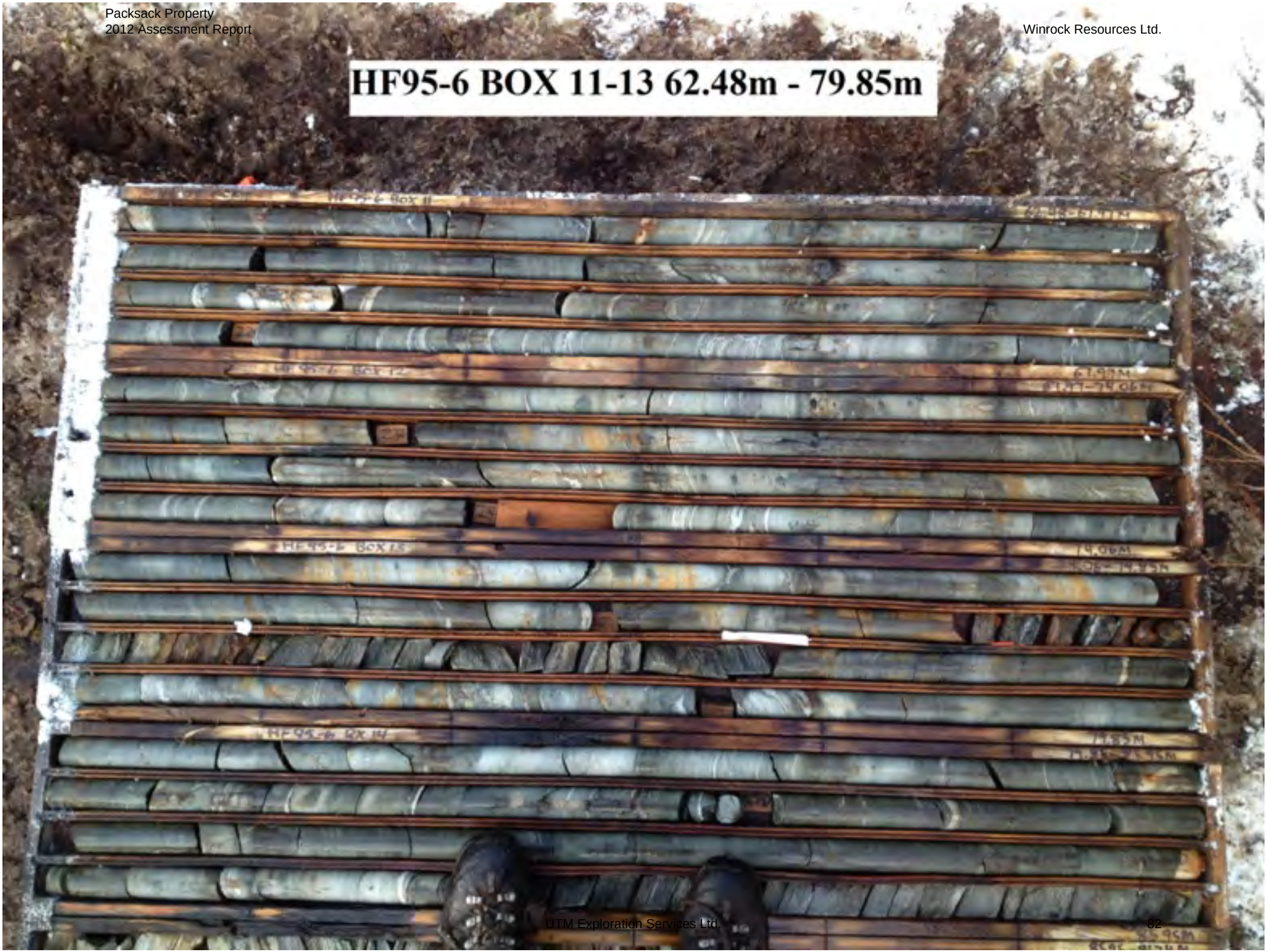

HF95-5 BOX 22-24 126.18m - 144.77m

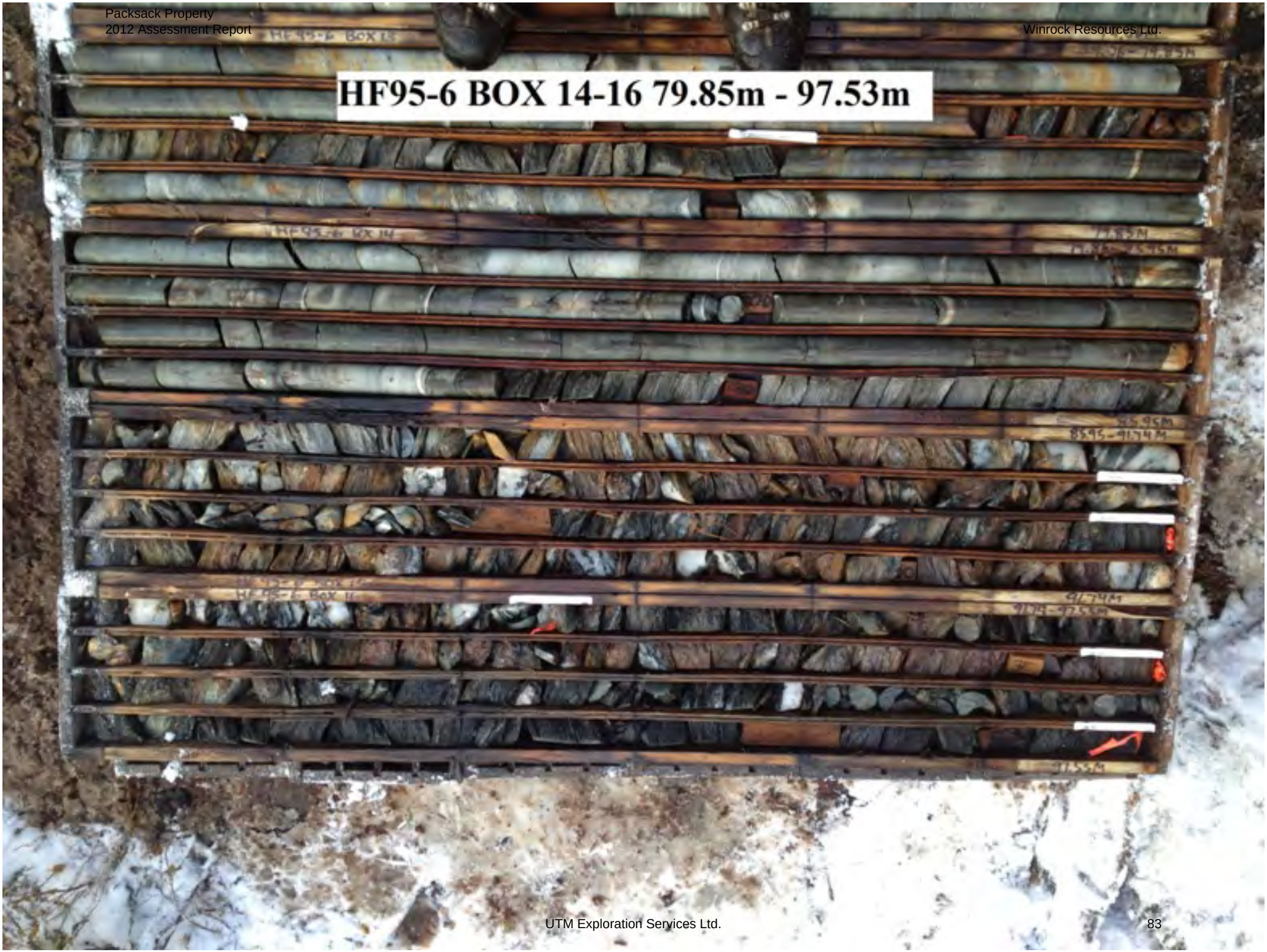

HF95-5 BOX 25-26 144.77m - 152.39m EOH

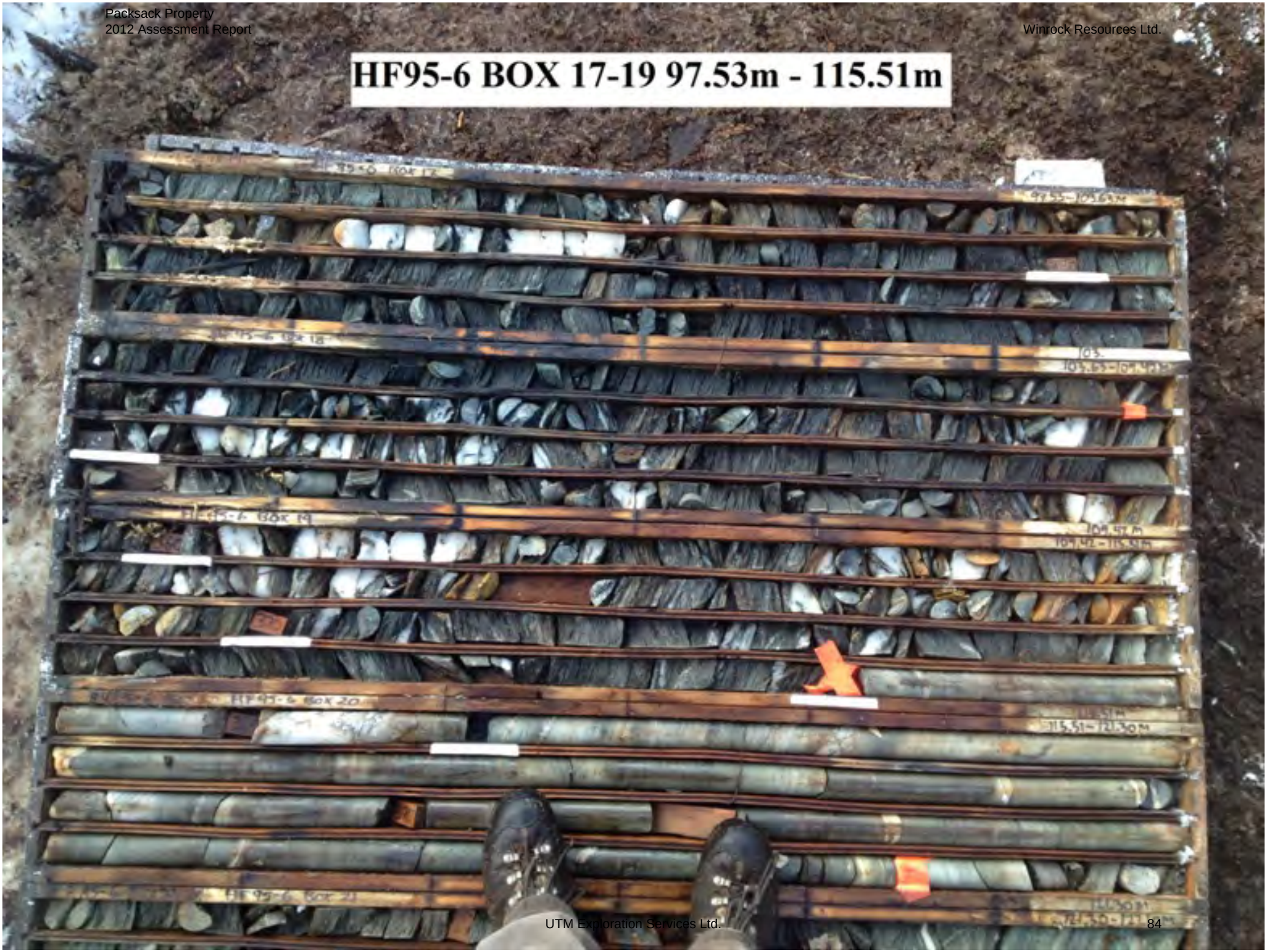

HF95-6 BOX 1-4 3.05m - 27.13m


HF95-6 BOX 5-7 27.13m - 44.80m

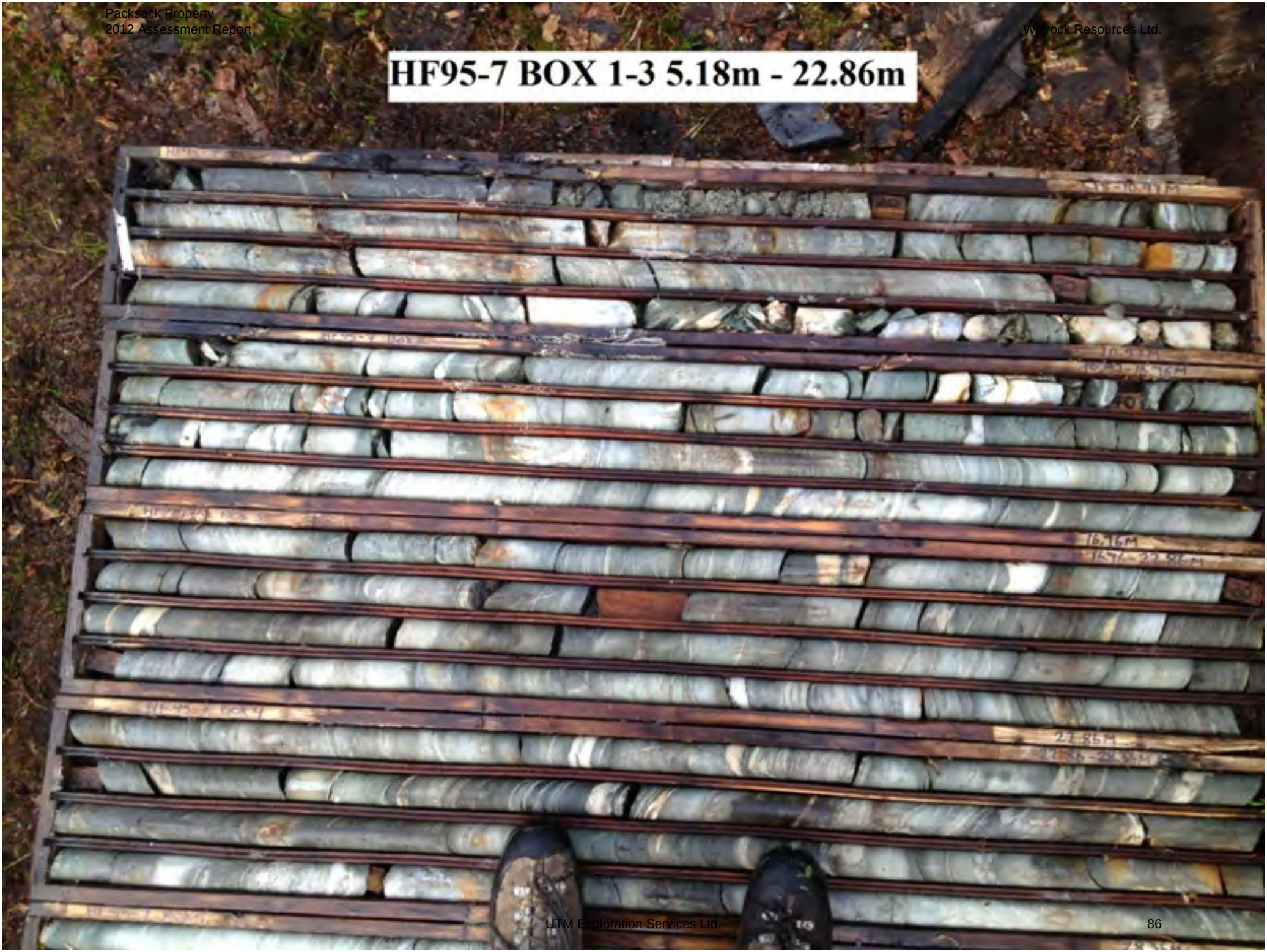

HF95-6 BOX 8-10 44.80m - 62.48m

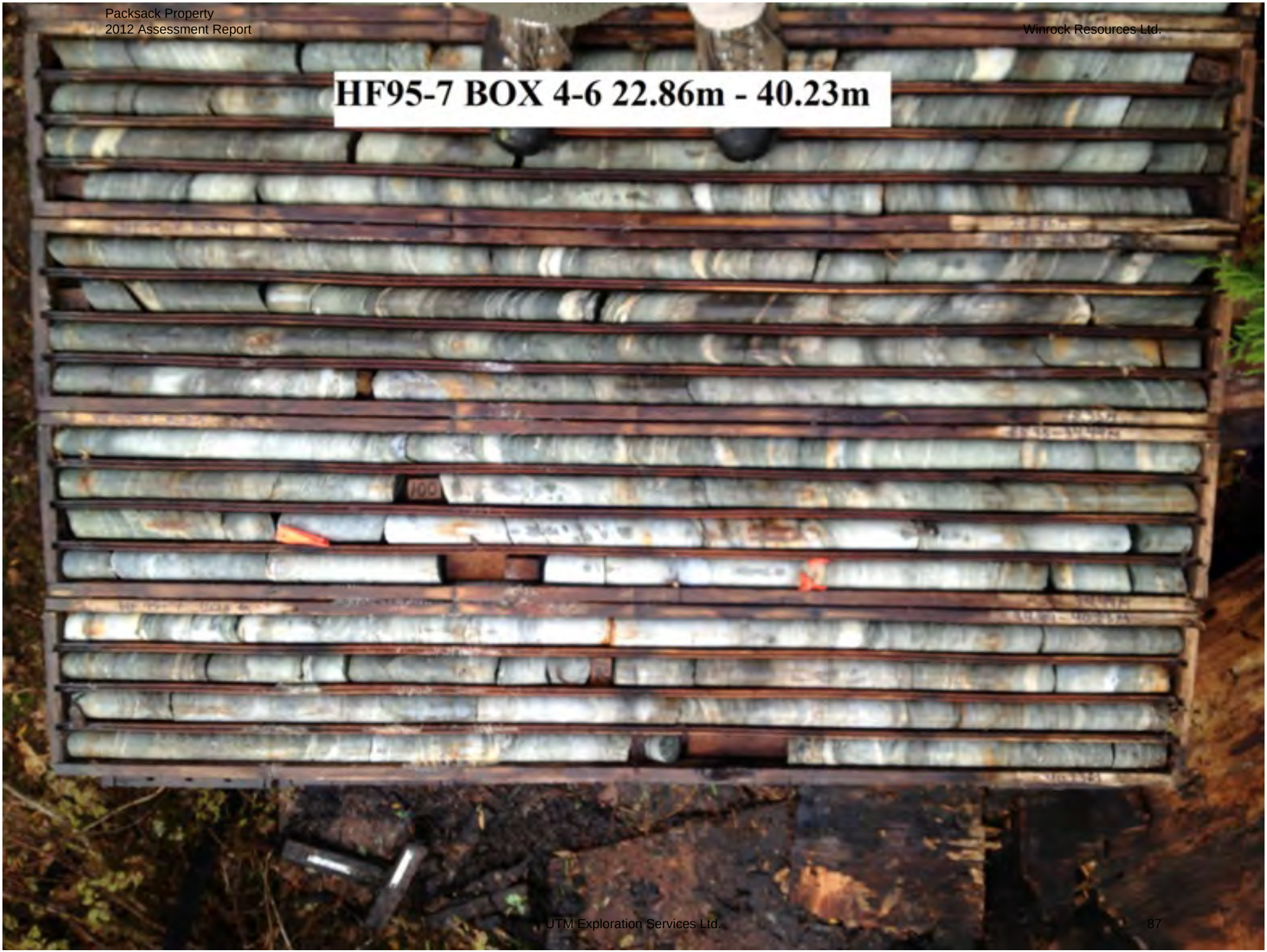

HF95-6 BOX 11-13 62.48m - 79.85m

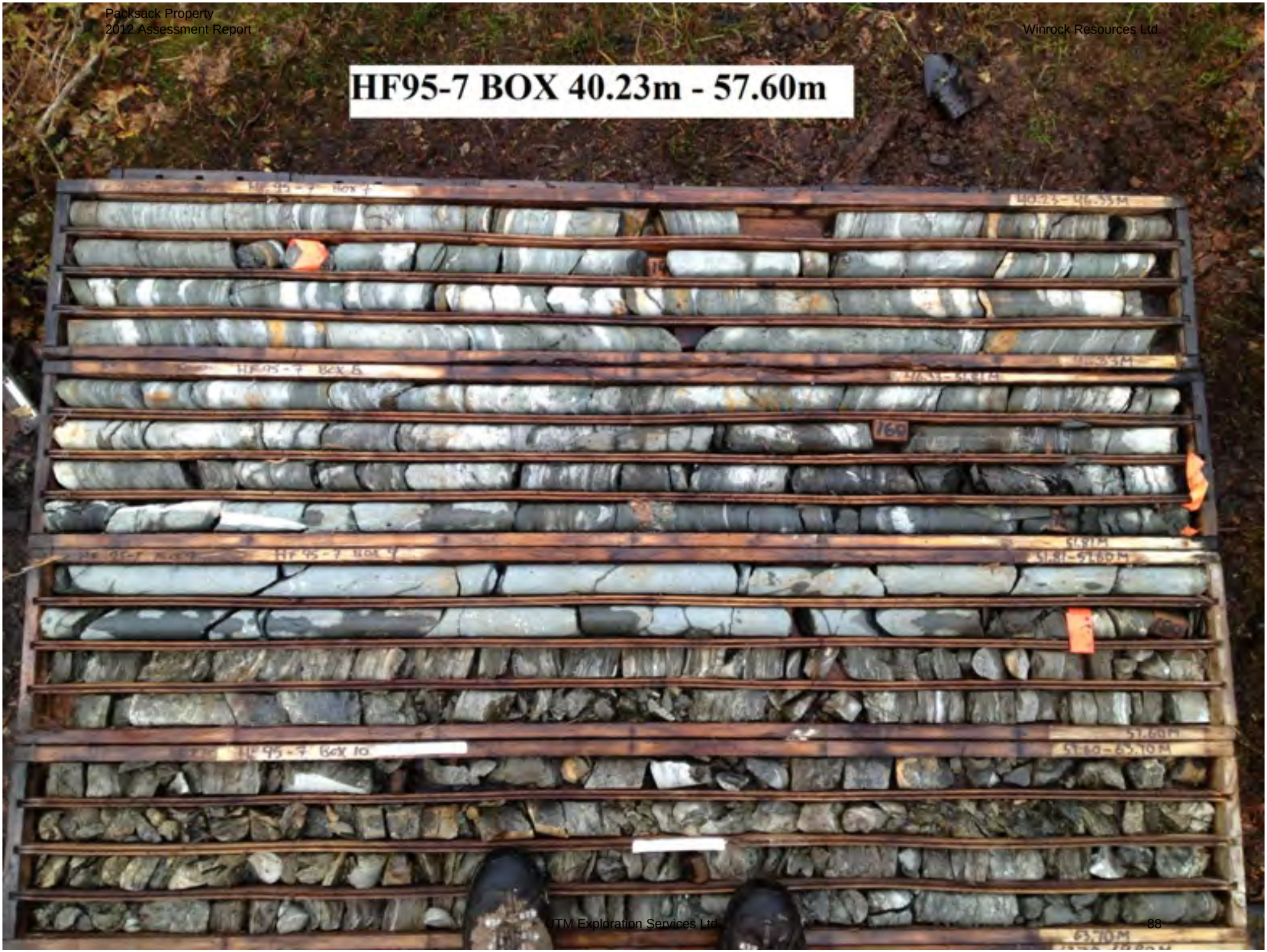

HF95-6 BOX 14-16 79.85m - 97.53m


HF95-6 BOX 17-19 97.53m - 115.51m

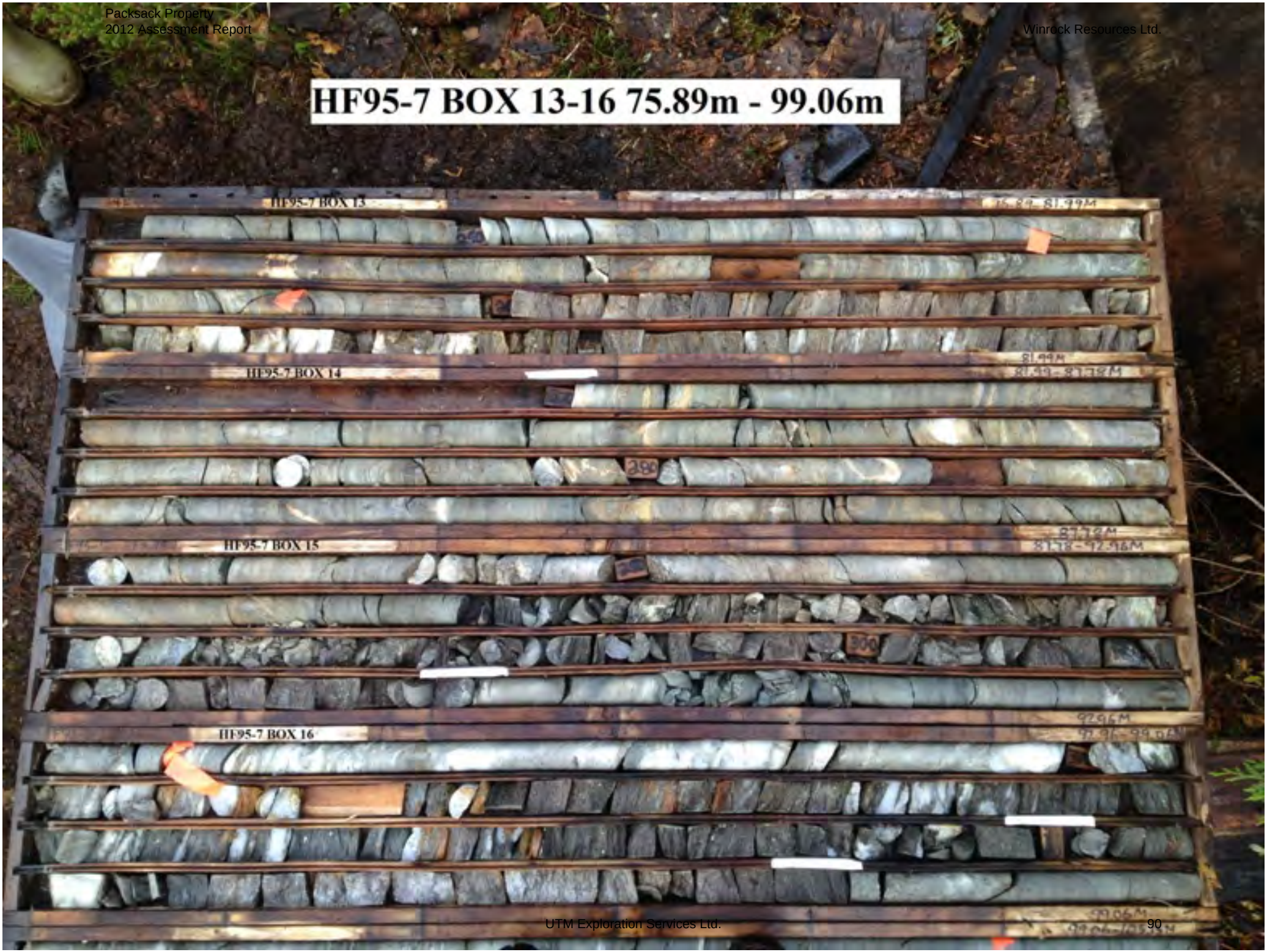

HF95-6 BOX 20-22 115.51m - 128.01m EOH

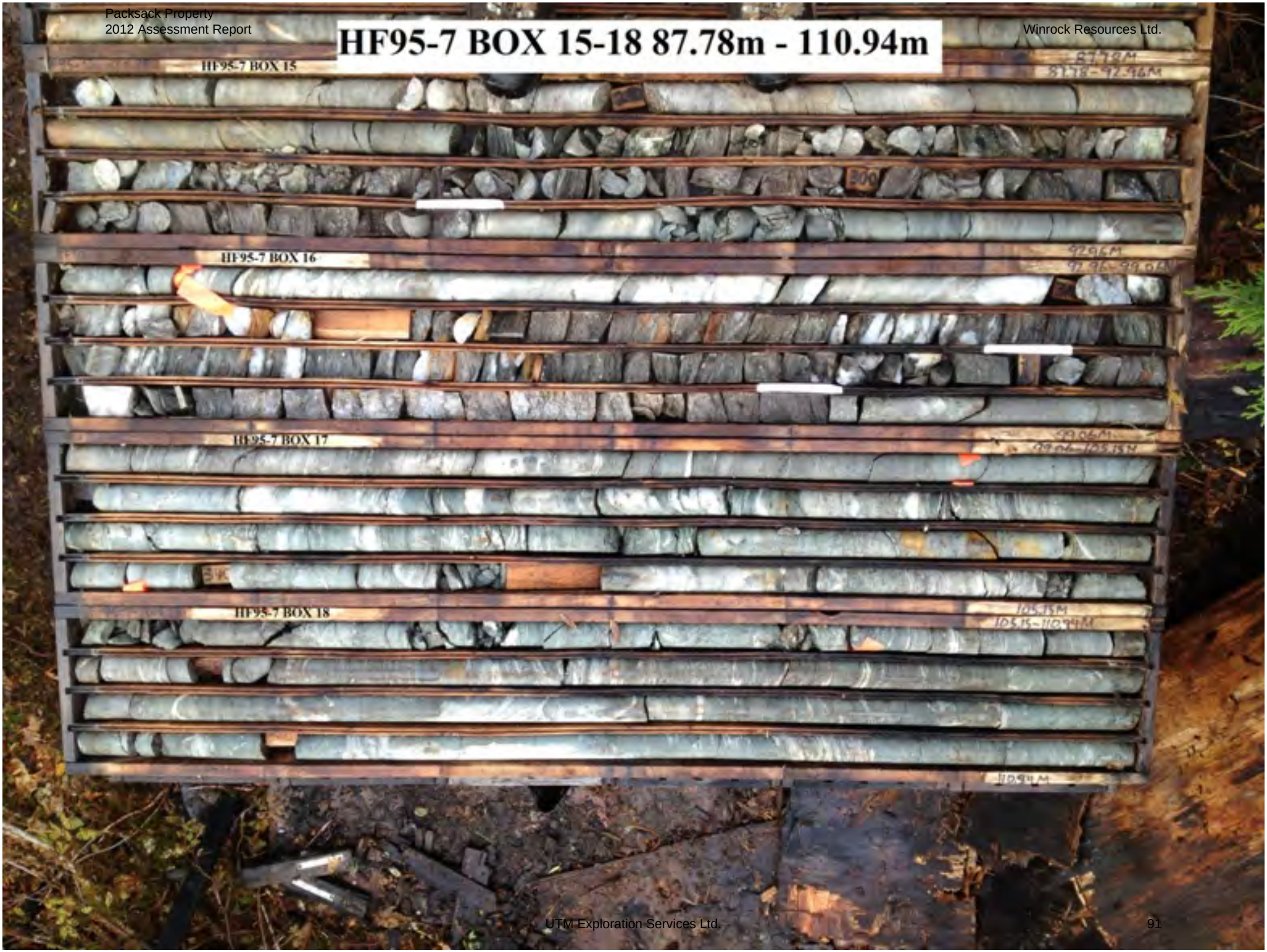

HF95-7 BOX 1-3 5.18m - 22.86m

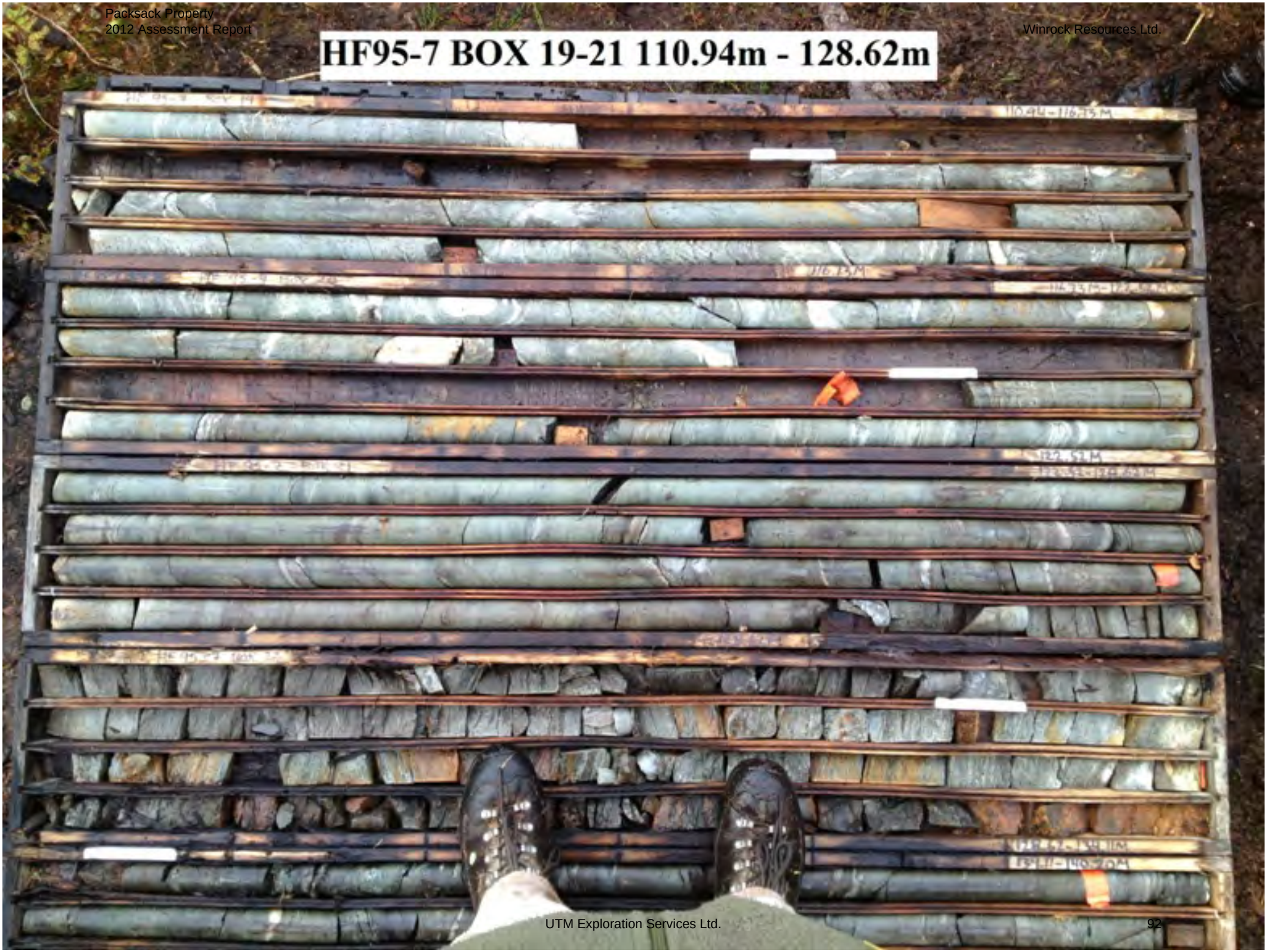

HF95-7 BOX 4-6 22.86m - 40.23m


HF95-7 BOX 40.23m - 57.60m

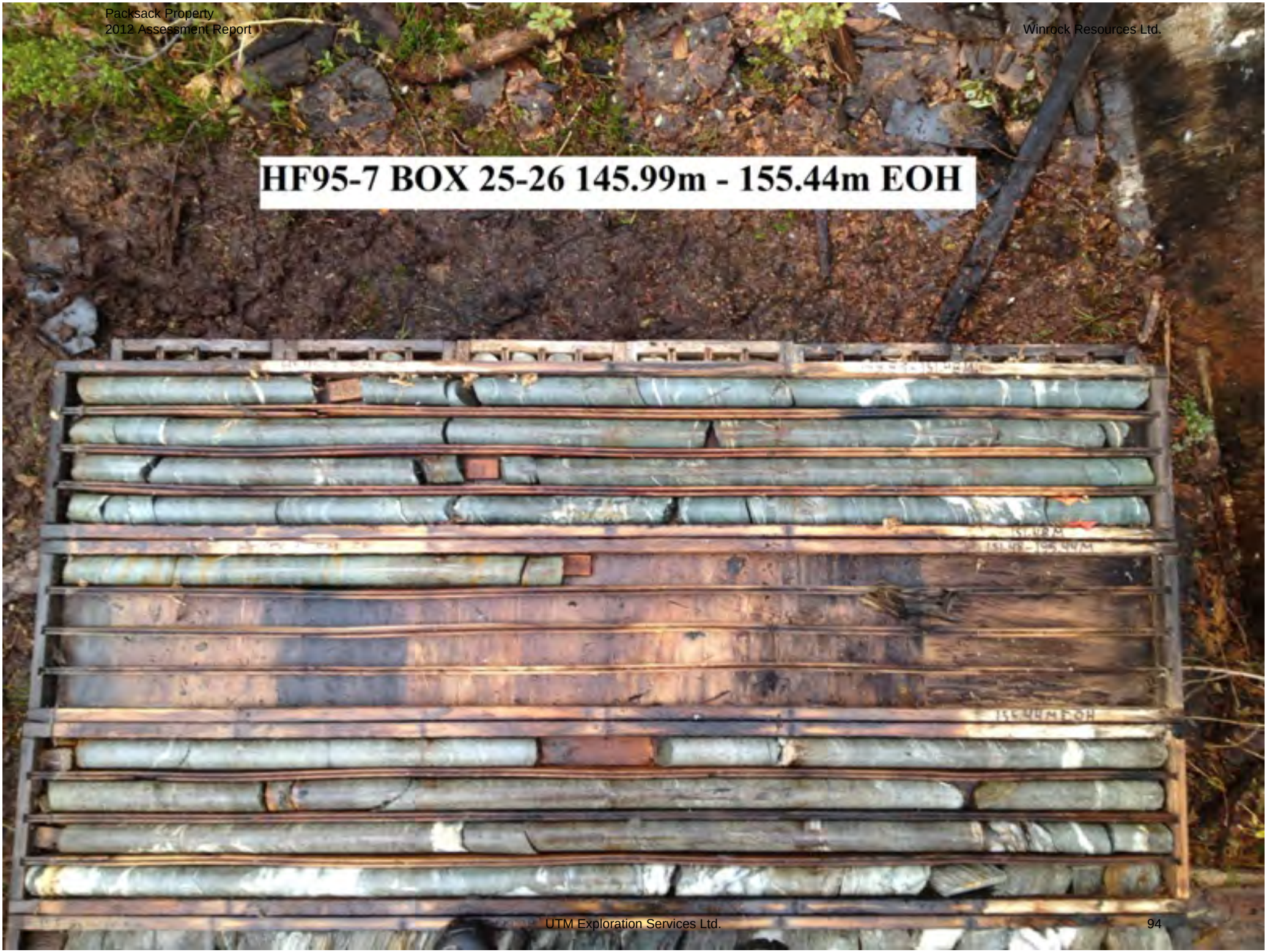

HF95-7 BOX 10-12 57.60m - 75.89m


HF95-7 BOX 13-16 75.89m - 99.06m
HF95-7 BOX 13
HF95-7 BOX 14
HF95-7 BOX 15
HF95-7 BOX 16


HF95-7 BOX 15-18 87.78m - 110.94m
HF95-7 BOX 15
HF95-7 BOX 16
HF95-7 BOX 17
HF95-7 BOX 18

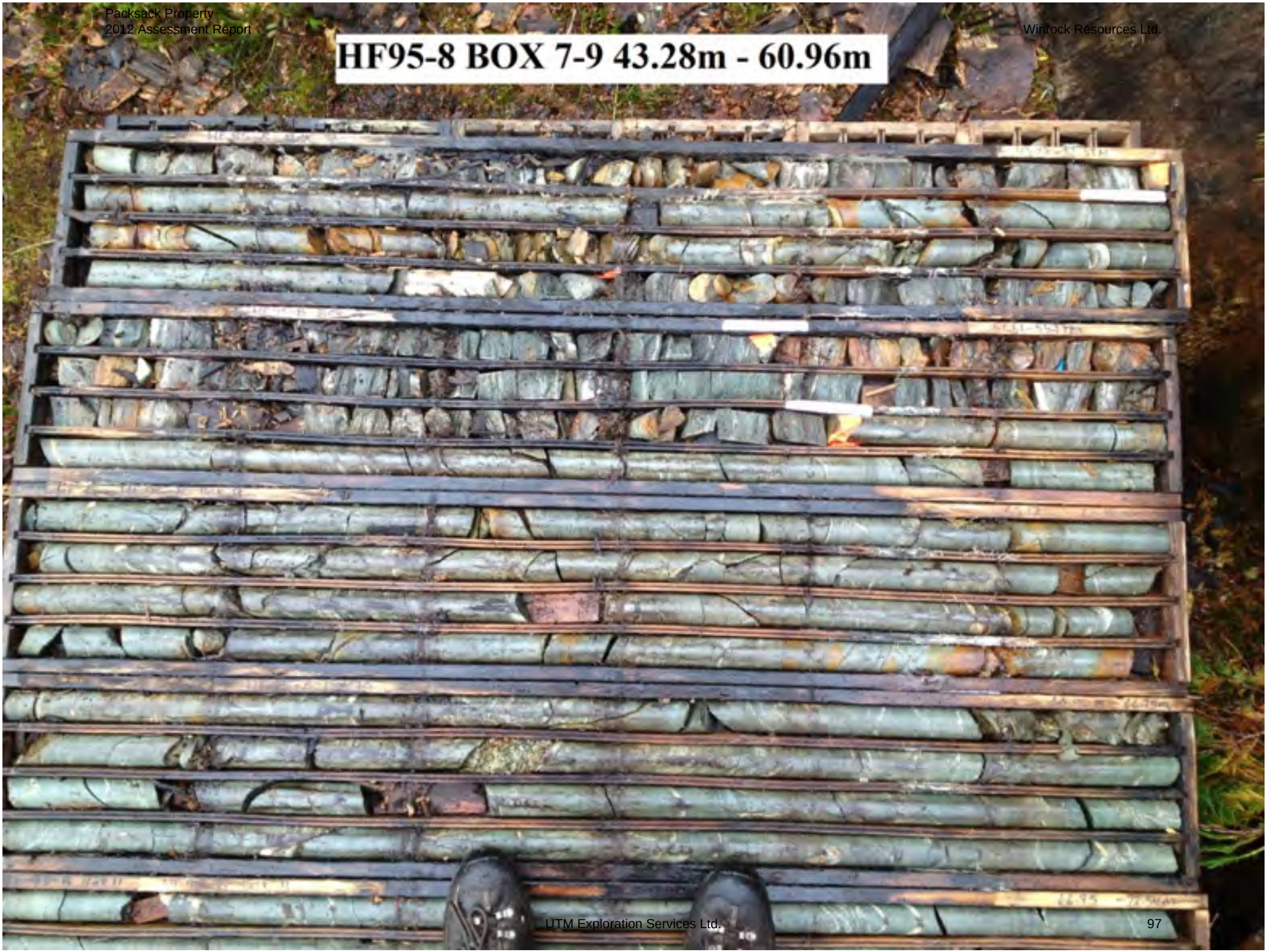

HF95-7 BOX 19-21 110.94m - 128.62m


HF95-7 BOX 128.62m - 145.99m

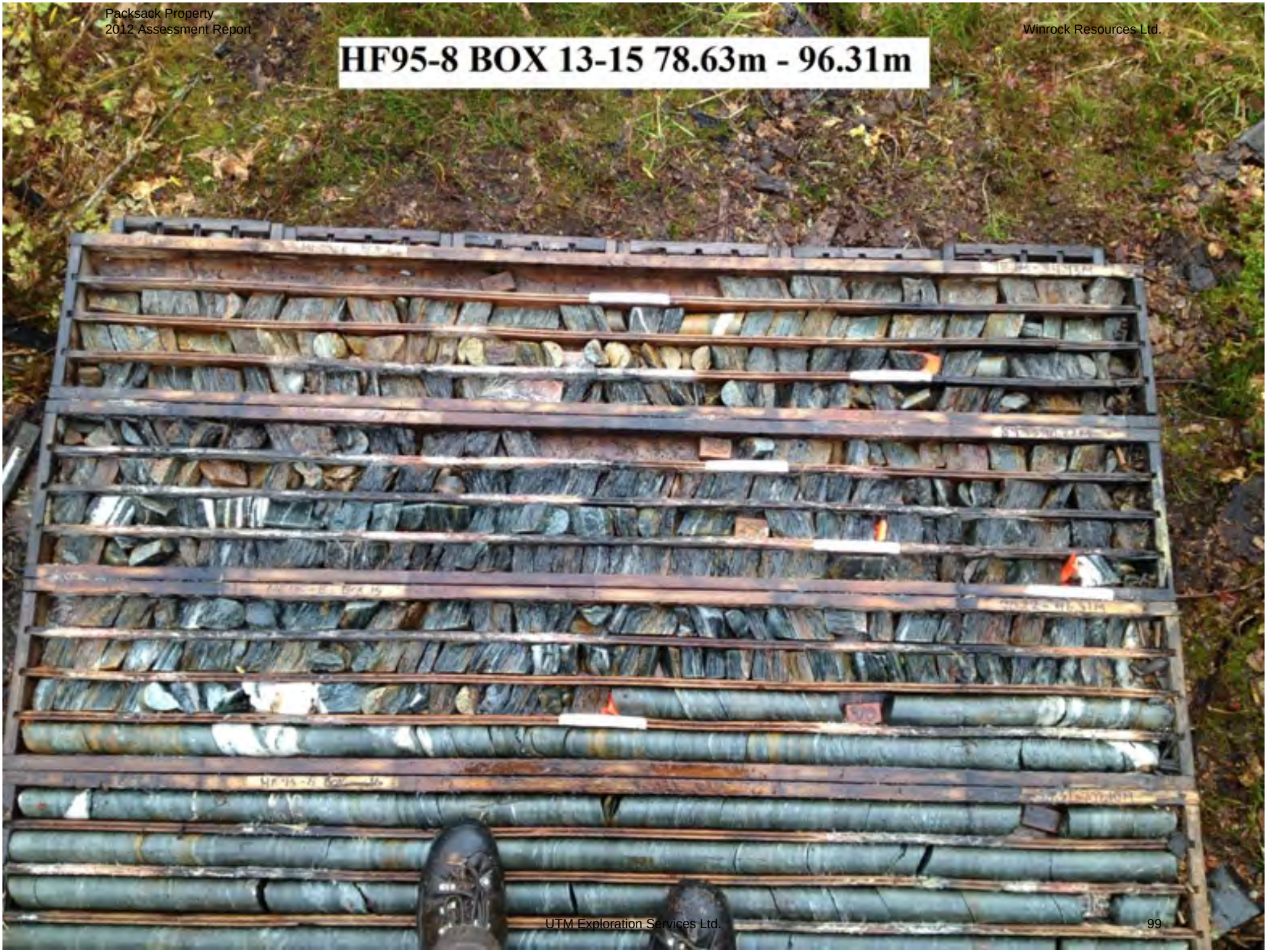

HF95-7 BOX 25-26 145.99m - 155.44m EOH

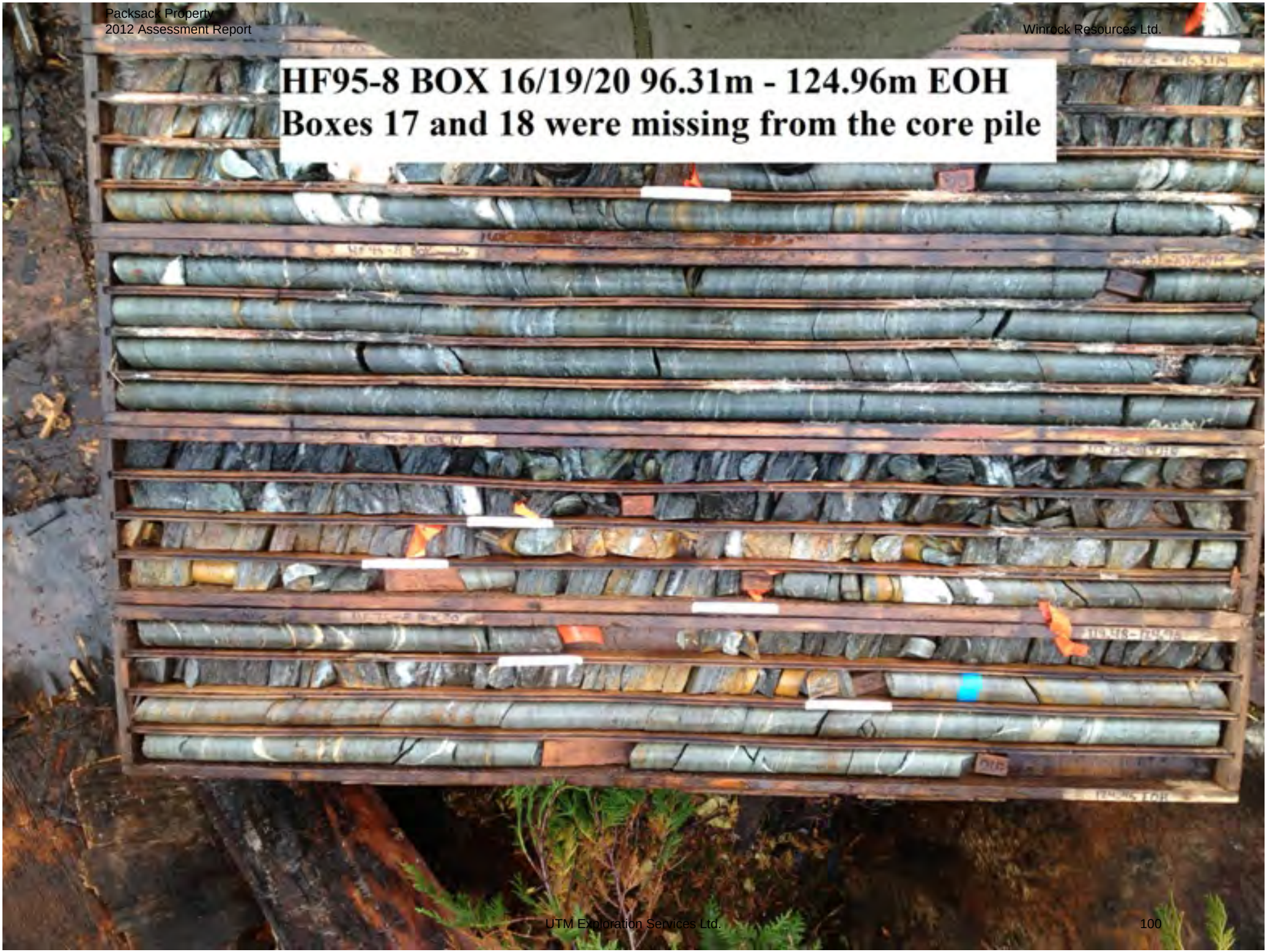

HF95-8 BOX 1-3 7.62m - 25.30m
HF95-8 BOX 2
HF95-8 BOX 3


HF95-8 BOX 4-6 25.30m - 43.28m


HF95-8 BOX 7-9 43.28m - 60.96m


HF95-8 BOX 10-12 60.96m - 78.63m


HF95-8 BOX 13-15 78.63m - 96.31m


HF95-8 BOX 16/19/20 96.31m - 124.96m EOH
Boxes 17 and 18 were missing from the core pile

APPENDIX IV: ROCK SAMPLE PHOTOS

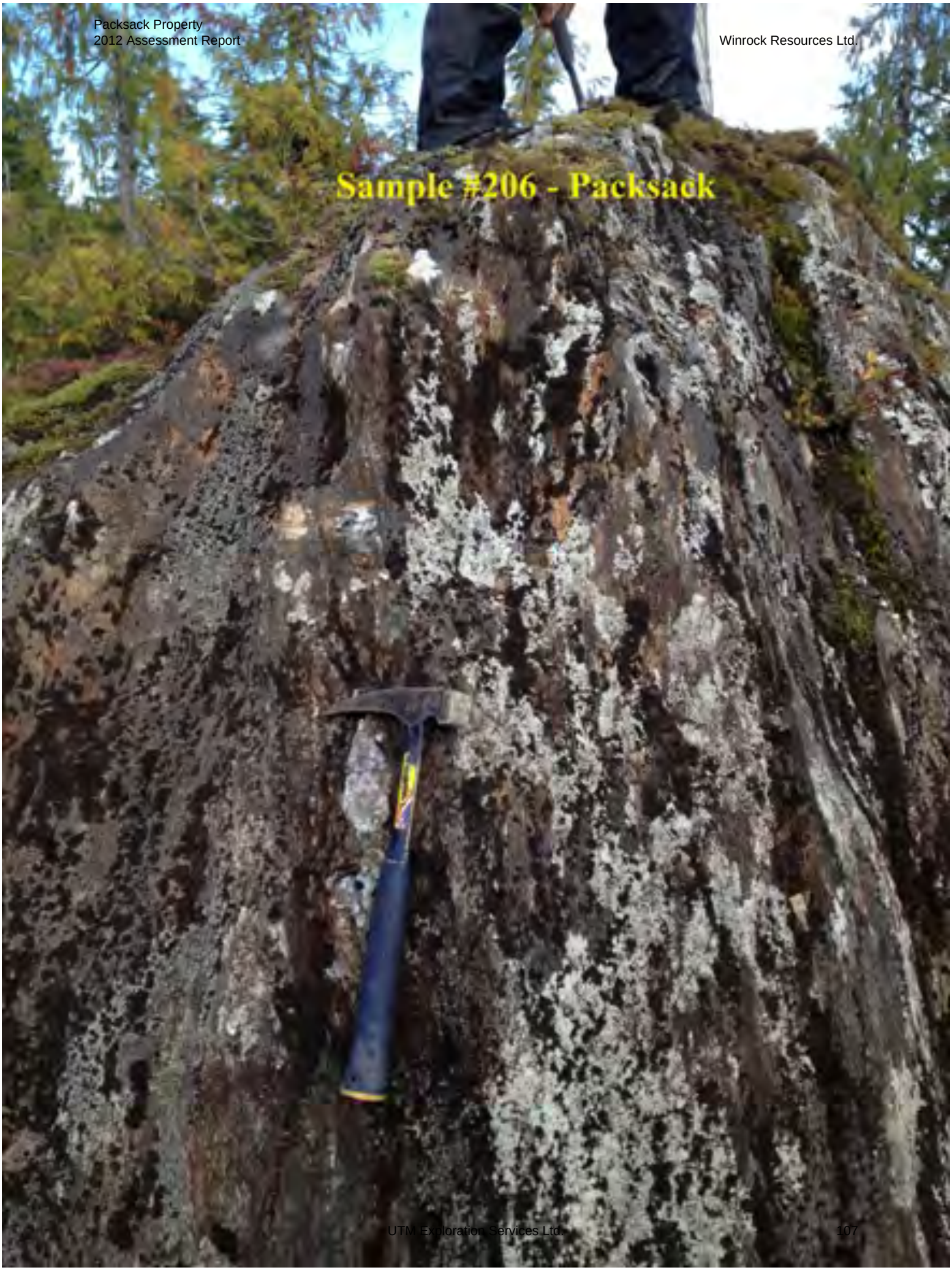

Sample #201 - Packsack


Sample #202 - Packsack


Sample #203 - Packsack


Sample #204 - Packsack


Sample #205 - Packsack


Sample #206 - Packsack


Sample #207 - Packsack


Sample #208 - Packsack
Winrock Resources Ltd.


Sample #209 - Packsack


Sample #210 - Packsack


Sample #211 - Packsack

APPENDIX V: MISCELLANEOUS FIELD PHOTOS


1960's DDH site - BQ Core box in foreground

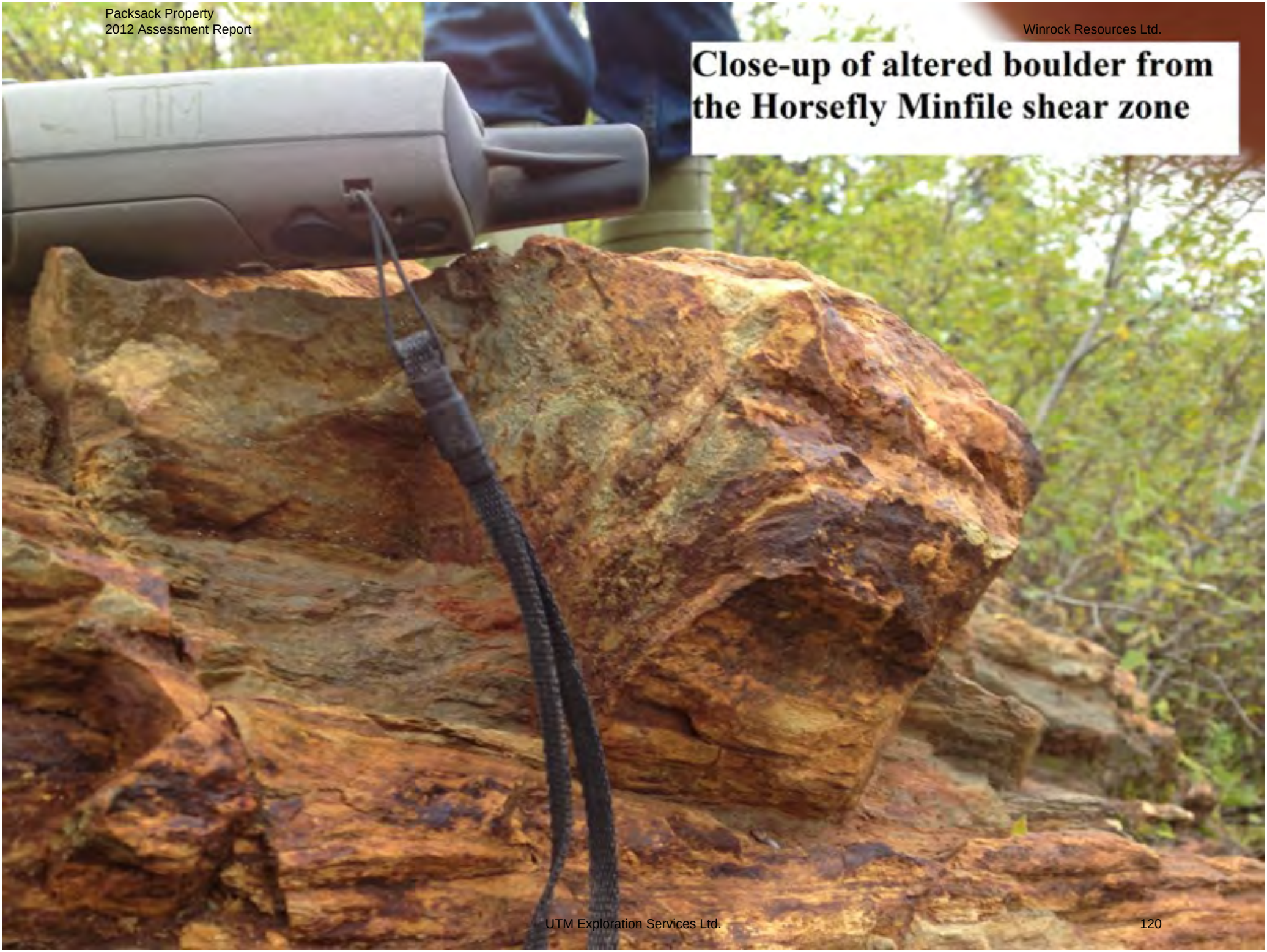

Shear Zone drilled in 1995 - Horsefly showing area


Original 1995 Core Storage location and condition - October 2012


1995 CORE BOX STACK AS FOUND OCTOBER 2012


Geotechnical work being performed on 1995 drill core


Altered boulder downslope of
Horsefly Minfile shear zone



Close-up of altered boulder from the Horsefly Minfile shear zone


Massive Quartz vein at
Packsack Minfile showing

New shear zone discovered northwest of the Horsefly shear zone

APPENDIX VI: FIELD NOTES

UTM exploration — SAMPLE No. 000201

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): R. Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000201	Station #:
Easting (NAD83): 471057E	Northing (NAD83): 5959771
Zone: 9 / Elevation (m): 261m	Outcrop Present?: (YES) NO
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm): — / Colour: —	Moisture: WET MOIST DRY

Slope Description:				
FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No. 000201

~~weakly altered schist~~
light grey green color
quartzite v. hard to break
sugary texture w/ min <1%
diss pyrite +/o
sample taken in stream at o/c.

UTM exploration | SAMPLE No. 000202

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): K. Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000202	Station #:
Easting (NAD83): 471084	Northing (NAD83): 5959648
Zone: 9	Elevation (m): 752
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000202

altered schist
- altered patches are heavily Fe stained & 3-5% pyrite fine
- unaltered patches are greenish white & visible muscovite, pyrite, chlorite & 1-3% pyrite
- 1960's drill g.p.s pt taken 10m east of sample site
- photo #1

UTM exploration

SAMPLE No. 000203

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): R. Brick
Client: WINROCK	Property Name: PACKSACK
SAMPLE No. 000203	Station #:
Easting (NAD83): 471150	Northing (NAD83): 5959428
Zone: 9	Elevation (m): 247
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000203

-chlorite schist - greenish white

massive qtz as well > 10m wide

344/78

UTM exploration | SAMPLE No. 000204

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): R Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000204	Station #:
Easting (NAD83): 471150	Northing (NAD83): 5959428
Zone: 9	Elevation (m): 247
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000204

qtz sample
>10cm vein

photo # ~~12~~ 14

~~307~~/36
123

UTM exploration | SAMPLE No. 000205

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): K. Bae
Client: Winrock	Property Name: Packsack
SAMPLE No. 000205	Station #:
Easting (NAD83): 471123E	Northing (NAD83): 5959404
Zone: 9	Elevation (m): 256
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000205

photo #15
heavily Fe stained qtz vein
+ Fe stained chloritic schist
wall rock

UTM exploration

SAMPLE No. 000206

SOIL SAMPLING / SAMPLE BOOKLET

Date: OCT 21 2012	Sampler(s): J Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000206	Station #:
Easting (NAD83): 471131	Northing (NAD83): 5959422
Zone: 9	Elevation (m): 763
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000206

altered Feldspar porphyritic dyke has weathering overall grey color but when broken open or fresh surface rock is yellowish orange ~ 3-5% py-cp V.

350/72 foliation

photo # 16

UTM exploration

SAMPLE No. 000207

SOIL SAMPLING / SAMPLE BOOKLET

Date: OCT 21 2012	Sampler(s): R BECK
Client: WINROCK	Property Name: PACKSACK
SAMPLE No. 000207	Station #:
Easting (NAD83): 471112	Northing (NAD83): 5959466
Zone: 9	Elevation (m): 768
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

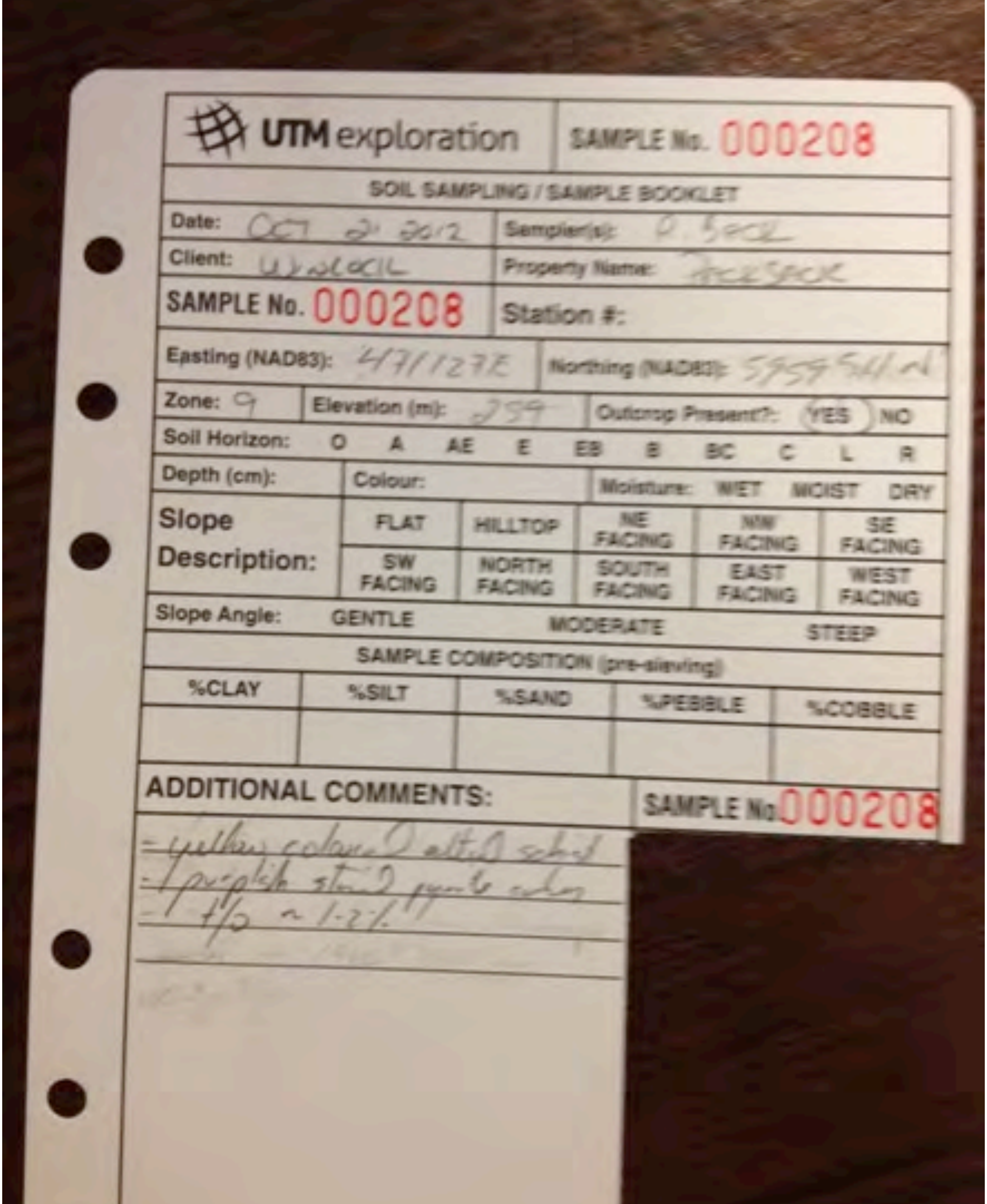
Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000207

- light green/yellow off white schist - altered
- sample taken immediately west of 1960's DDH on ridge top



UTM exploration — SAMPLE No. 000208

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 2 2012	Sampler(s): R. Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000208	Station #:
Easting (NAD83): 471127E	Northing (NAD83): 5959541N

Zone: 9 | Elevation (m): 259 | Outcrop Present?: (YES) NO

Soil Horizon: O A AE E EB B BC C L R

Depth (cm): | Colour: | Moisture: WET MOIST DRY

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No. 000208

- yellow coloured altd schist
- purplish stained pyrite
- f/o ~1-2%

UTM exploration | SAMPLE No. 000209

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): R. Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000209	Station #:
Easting (NAD83): 491106	Northing (NAD83): 5959533
Zone: 9 / Elevation (m): 255	Outcrop Present?: (YES) NO

Soil Horizon: O A AE E EB B BC C L R

Depth (cm): | Colour: | Moisture: WET MOIST DRY

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: | SAMPLE No. 000209

phot 19, 20
Fe stain'd massive sulphide
o/c lens - entire ridge
> 30m wide is inundated
with sulphide 0.3m to 1m
lenses.
- 15-20% pyrite

UTM exploration

SAMPLE No. 000210

SOIL SAMPLING / SAMPLE BOOKLET

Date: Oct 21 2012	Sampler(s): R. Beck
Client: Winrock	Property Name: Packsack
SAMPLE No. 000210	Station #:
Easting (NAD83): 471105 E	Northing (NAD83): 5795460
Zone: 9	Elevation (m): 255
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS:

SAMPLE No 000210

Same as sample # 209
> 15% pyrite 1/2
photo # 21

UTM exploration

SAMPLE No. 000211

SOIL SAMPLING / SAMPLE BOOKLET

Date: OCT 21 2012	Sampler(s): R Beck
Client: WINROCK	Property Name: PACK-SACK
SAMPLE No. 000211	Station #:
Easting (NAD83): 471087	Northing (NAD83): 5955679
Zone: 9	Elevation (m): 750
Outcrop Present?: (YES) NO	
Soil Horizon: O A AE E EB B BC C L R	
Depth (cm):	Colour:
Moisture: WET MOIST DRY	

Slope Description:					
	FLAT	HILLTOP	NE FACING	NW FACING	SE FACING
	SW FACING	NORTH FACING	SOUTH FACING	EAST FACING	WEST FACING

Slope Angle: GENTLE MODERATE STEEP

SAMPLE COMPOSITION (pre-sieving)

%CLAY	%SILT	%SAND	%PEBBLE	%COBBLE

ADDITIONAL COMMENTS: SAMPLE No 000211

large thick o/c of mx sulphide Fe stn schist just west of 1960's DDH

photo # 23, 24