DIAMOND DRILL ASSESMENT REPORT - TPK PROJECT

2010 - 2011

THUNDER BAY Mining Division

RAINY RIVER RESOURCES LTD.

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SUMMARY

This report describes a 23-hole diamond drilling program conducted under the direction of Rainy River Resources Ltd. on the Ti-pa-haa-kaa-ning (TPK) property of Northern Superior Resources Inc. The drilling was funded by Rainy River resources Ltd. Under the terms of an earn in option agreement with Northern Superior. The drilling was performed over a period of six months from October 2010 to March 2011. The program was designed to test a major gold-grains-in-till anomaly outlined by surface sampling and reverse circulation drilling.

The Ti-pa-haa-kaa-ning property is located in Northern Ontario approximately 470 km northeast of Thunder Bay and 190 km northeast of Pickle Lake. The property consists of 190 mining claims comprised of 2506 claim units for a total of 42,719. The property was divided by Northern Superior Resources into three regions which from east to west are and Ti-pa-haa-kaa-ning (the Ojibway-Cree name for "Mining Place"), Big Dam and New Growth. As part of the joint venture agreement between Northern Superior Resources and Rainy River Resources, the TPK and Big Dam properties were combined and collectively termed TPK. The new TPK property covers 18,189 hectares total.

The TPK property is in a structurally favourable geological setting where the Archean-age Bartman Lake Greenstone Belt lies adjacent to a major bend in the regional-scale Stull-Wunnummin Fault and has been intruded by the 15 km long Freure Lake Batholith. A 7 km wide x 15 km long gold grain dispersal anomaly identified from surface sampling of glacial till builds northeastward across a narrow remnant of the greenstone belt onto the southern edge of the batholith, suggesting that the bend in the fault propagated a series of gold-bearing splay shears which are concentrated along the southern margin of the structurally resistant buttress formed by the batholith. This metallogenic model is analogous to that for the Malartic – Val d'Or gold district in Quebec where the gold deposits are controlled by splay shears related to a major bend in the Larder Lake – Cadillac Fault and are hosted by the synvolcanic Bourlamaque Batholith and several smaller granitoid and porphyry stocks (Averill, 2010).

In late 2010, Rainy River Resources Ltd. took over operation of the TPK exploration program. Rainy River Drilled 23 holes from fall 2010 through winter 2011. The main focus of this drill program was the Target 3 area as defined by ODM and Northern Superior. Hole TPK-10-004 intersected high grade gold mineralization grading 25.9 g/t over 13.5 metres in shear zone hosted quartz veins. The veins proved to be difficult to trace up and down dip or along strike however the presence of spectacular grade gold in bedrock beneath a clearly defined surface target is encouraging.

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INTRODUCTION

This report presents and summarizes the results of a 23-hole, 5450 metre diamond drilling program conducted by Rainy River Resources Ltd on behalf of Northern Superior Resources Inc. as part of a joint-venture agreement between Rainy River and Northern Superior. The program was conducted on the Ti-pa-haa-kaa-ning (TPK) property located in northwestern Ontario. The TPK property is located on the traditional lands of the Neskantaga First Nation (Neskantaga). The program was carried out through consultation and cooperation with the Neskantaga.

The program was conducted between October 22nd 2010 and March 31st, 2011.

LOCATION, ACCESS AND PYSIOGRAPHY

The TPK property is located 470 km northeast of Thunder Bay and 190 km northeast of Pickle Lake, the nearest town with all-weather road access (Fig. 1). The property lies within the traditional territory of the Neskantaga First Nation and is approximately 30km north of the community of Neskantaga, formerly Lansdowne House.

Neskantaga is accessible by winter road beginning near Pickle Lake from February through March however it is only accessible by air for the remainder of the year. Daily scheduled air service is available from Thunder Bay, Pickle Lake and Nakina. Exploration activities are based at a fully equipped, twenty five person camp located at Rowlandson Lake on the eastern edge of the TPK property. The camp is accessible by helicopter or float or ski-equipped plane on a year round basis. A disused winter road leading northeast to the First Nation community of Webequie passes 6 km east of the TPK property. It is possible to utilize this road for transporting heavy equipment to and from Neskantaga in winter however road maintenance would be the responsibility of the company.

The topography of the TPK property is primarily controlled by the deposition of glacial sediments, which cover 95% of the property. Topographic relief is relatively low and flat, generally varying by 20 metres over broad areas with occasional ridges resulting in 30 to 40 metre variations. The limited variation in topography results in poor drainage producing numerous swamps and lake and few well developed rivers and steams.

Extensive glacial sedimentation results in an erratic distribution of outcrop with most of the property having less than 1%. Outcrop is most prevalent within the TPK are with up to 10% near Rowlandson Lake.



Figure 1: Geographic Location of the TPK property.

CLAIMS AND OWNERSHIP

The TPK property consists of 190 mining claims comprised of 2506 claim units of approximately 16 hectares for a total of 42,719 hectares (Fig. 2). For exploration purposes, Northern Superior divided the property into three regions: (1) the eastern tip, or TPK, which covers the historical "Copper Point" showing near the Rowlandson Lake camp; (2) the central or Big Dam sector, which is named for a 1 km long lake ponded behind a large beaver dam and contains the large gold-grains-in-till anomaly; and (3) the large western end or "New Growth" area. The property is presently owned 100 percent by Northern Superior. On June 21, 2010 Rainy River Resources Ltd. (Rainy River) signed a letter of intent to acquire a 51 percent joint venture interest in the eastern (TPK – Rowlandson Lake) and central (Big Dam) sectors of the property, totalling 18,380 hectares and renamed TPK, over a three-year period by: (a) expending \$9.4 million on exploration; (b) making cash payments of \$1.6 million; and (c) purchasing \$1.5 million of Northern Superior's common shares via three annual \$500,000 private placements. Rainy River also has a first right of refusal to acquire an interest in the New Growth area.



Figure 2: Claims map for TPK property. TPK JV claims outlined in orange.

PREVIOUS WORK

Mineral exploration began in the Lansdowne House area after the discovery of the Rowlandson Lake gold showing by surface prospecting in 1930 (Hart and Boucher, 2010). Early exploration efforts were focused on gold and silver and switched to base metals in the 1960's and 1970's with the development of airborne geophysical methods. The increase in gold prices in the 1980's shifted the focus of mineral exploration back to gold with sporadic copper-nickel and diamond exploration more recently.

1930 – 1940: Exploration in the TPK area was initiated in 1930 with by the discovery of a gossanous zone on the west shore of Rowlandson Lake by a local trapper. The area around the gossan, known as Copper Point, was the primary focus of mineral exploration in the area throughout the 1930's. The property was staked by Lansdowne Minerals Ltd. in the mid 1930's, and optioned by Winisk River Mines Limited in 1937. Winisk River completed a program of prospecting, trenching, pit blasting and diamond drilling at Copper Point which identified several narrow gold and copper mineralized zones (Hart and Boucher, 2010).

1950 – 1960: A number of companies conducted exploration for copper-nickel in the Rowlandson Lake area in the late 1950's and 1960's. La Corne Lithium Ltd. optioned a property from a prospector and completed ground magnetic and horizontal loop electromagnetic surveys (EM) covering the western shore of Rowlandson Lake, over the same ground previously held by Winisk River Mines Ltd. (Hart and Boucher, 2010).

1971 – 1973: INCO Ltd. completed regional airborne magnetic and electromagnetic geophysical surveys in the early 1970's covering a portion of the property. The best anomalies, occurring on the far western side of the TPK property, were covered by follow up ground magnetic and EM surveys. Anomalies identified by ground geophysics were subsequently tested with a packsack drill (Hart and Boucher, 2010).

1983 – 1986: Forester Resources commenced a program of airborne geophysical surveys over 1400 claims in the Rowlandson Lake – Lavoie Lake region followed by line cutting and ground VLF-EM16 and induced polarization (IP) surveys. Forester then concentrated exploration activities in the Rowlandson Lake (Copper Point) area. A program of geological mapping, trenching and diamond drilling resulted in minor narrow Cu-Ni mineralization and occasional narrow gold mineralized zones (Novak, 1988).

2001 – 2003: Aurora Platinum Corp. conducted reconnaissance exploration in 2001 and 2002 over part of the eastern portion of the TPK property. The work was performed in relation to two separate evaluation agreements entered into with Inco Itd. which allowed Aurora access to

Inco's proprietary airborne magnetic and EM survey and diamond drill hole databases covering portions of northwest Ontario and northeast Manitoba. The program focused on gold, base metal and copper nickel-platinum group metals. Several drill holes were completed in the Copper Point area (Hart and Boucher, 2010).

Several geophysical surveys were completed by Aurora including a regional helicopter-borne magnetic and IMPULSE-EM survey, a portion of which covers the current TPK property. An 11.25 km line IP survey was also completed in the Rowlandson Lake area in 2003.

2003 – 2010: Northern Superior Resources (Then Northern Superior Diamonds) became involved with the TPK project while conducting till sampling on behalf of Aurora Platinum and while prospecting for Kimberlite indicator minerals. The till sampling program produced gold-grain-in-till anomalies particularly around Canopener Lake.

In 2005, Aurora was purchased by FNX Mining Company Inc. and Aurora's interest in the remaining Rowlandson Lake and Canopener Lake claims were sold to Lake Shore Gold. Northern Superior and Lake Shore then formed a 50:50 joint venture agreement to investigate the emerging gold-grains-in-till anomaly. In the follow-up till sampling campaigns in 2007 and 2008, a total of 1028 samples were collected. These samples defined a strong, 7 km-wide gold grain anomaly that extends 15 km up-ice (across the 215° ice-flow path) from the initial 2002 anomaly, building in strength for the first 8 km to the Bartman Lake greenstone belt and maintaining this peak strength for a further 7 km onto the Freure Lake batholith before ending abruptly. The TPK property was expanded to cover both the 7 x 7 km head of the main anomaly and weaker anomalies to the west in the New Growth area (Averill et al., 2011).

Northern Superior conducted a series of airborne electromagnetic and magnetic surveys, including a detailed magnetic survey in 2009, in an effort to identify diamond drill targets beneath the gold grain anomaly. These surveys were of limited assistance, showing negligible conductivity and little magnetic variability other than the expected normal contrast between the greenstone belt and batholiths (Averill et al., 2011).

Overburden Drilling Management (ODM) was contracted by Northern Superior Resources to conduct reconnaissance-scale reverse circulation drilling program in March, 2010 to better define the gold-in-till anomaly identified by surface sampling. Four gold targets were identified in Phase I. A second phase of RC drilling took place in late 2010. Of the 117 holes drilled during Phase II, 88 were drilled on the Contact Stock and Freure Lake Batholith north of the Bartman Lake Greenstone Belt within or immediately west of the Phase I drill area and 29 holes were drilled further south in a 400 x 400 m reconnaissance pattern to assess the previously untested

southwestern half of surface gold-grains-in-till anomaly. The 88 northern holes were drilled mainly to infill and refine four gold-in-till peaks designated Targets 1 to 4 that were identified in Phase 1. An additional 17 drill sites were prepared on the frozen surface of Crying Boy Lake to test the heart of Target 2, the largest Phase I target, but these holes were not drilled because permission was withheld by Neskantaga First Nation. Of the 29 southern holes, 20 were drilled on the Bartman Lake Greenstone Belt, which was not intersected in any of the Phase I drill holes, and 9 were drilled on the Spero Lake Batholith south of the greenstone belt (Averill et al., 2011).

Northern Superior completed three programs of follow-up diamond drilling totaling 64 holes in 2007 and 2008 (Hart and Boucher, 2010). Due to the dearth of electromagnetic anomalies, this drilling was either concentrated around the known gold showings in the greenstone belt or targeted on subtle magnetic anomalies in the Freure Lake Batholith up-ice from (north of) the belt. The Rowlandson Lake showings were tested with 25 holes even though historical drilling had indicated that these showings were very minor and the surface till sampling had produced a gold grain anomaly that is much shorter and spottier than the main anomaly to the west. The remaining 39 holes were drilled within the area subsequently targeted by the Phase I and Phase II RC drilling programs, with 11 holes clustered around the known minor showings in the greenstone belt, 15 holes on three north-south stratigraphic sections across the belt, 9 holes around a new showing discovered by Northern Superior in the Freure Lake Batholith west of Big Dam Lake near the up-ice limit of the gold grain anomaly and 4 holes on a north-south section across a weak magnetic anomaly in the batholiths southwest of Big Dam Lake (Averill et al., 2011).

In late 2010, Rainy River Resources Ltd. took over operation of the TPK exploration program. Rainy River Drilled 23 holes from fall 2010 through winter 2011. The main focus of this drill program was the Target 3 area as defined by ODM and Northern Superior. Hole TPK-10-004 intersected high grade gold mineralization grading 25.9 g/t over 13.5 metres in shear zone hosted quartz veins. The veins proved to be difficult to trace up and down dip or along strike however the presence of spectacular grade gold in bedrock beneath a clearly defined surface target is encouraging.

GEOLOGICAL SETTING

REGIONAL GEOLOGY

Geologically, the TPK property is located in the Superior Province along the southwest margin of the Oxford-Stull domain, a narrow ribbon of 2.8 to 2.7 Ga metavolcanic and

metasedimentary rocks, adjacent to the 2.9 to 3.0 Ga rocks of the North Caribou terrane to the south. The northwest-trending Stull-Wunnummin fault zone, a 2 km wide dextral shear zone occurs along the contact between the Oxford-Stull domain and the North Caribou terrane. The TPK property is underlain by west- to southwest-trending mafic to intermediate metavolcanic rocks with occasional discontinuous interflow chemical sediments of the Bartman Lake Greenstone Belt. The metavolcanic rocks are intruded by sills and dykes of gabbro to diorite and tonalite to granodiorite composition. The greenstones are bounded to the north by massive to weakly foliated tonalite, granodiorite and granite to quartz monzonite of the Spero Lake Batholith. On the southern margin of the greenstone belt is the granodiorite of the Spero Lake Batholith. The metavolcanic rocks have an east-trending foliation, with mineral lineations trending shallowly southwest. East to northeast-trending splays of the northwest-trending Stull-Wunnummin fault zone are interpreted to cross the property, and northwest-trending faults appear to offset the magnetic features (Hart and Boucher, 2010).

PROPERTY GEOLOGY

The paucity of bedrock outcrops in the TPK project area makes it difficult to interpret geological features with much certainty. Much of the understanding of the bedrock geology comes from analysis of chip samples obtained from RC drilling. The greenstone belt is perhaps the best exposed unit in the region with notable exposures at Rowlandson Lake and on the western shore of Crying Boy Lake.

In the TPK project area, the Bartman Lake Greenstone belt ranges from 100 to 800 m wide and consists mainly of basalt flows with gabbro sills. Komatitte was reported in one RC drill hole. (Averill et al., 2011). Mafic volcanic rocks are dark to pale green to grey flows, pillowed flows and lapilli tuffs. These rocks are variably silicified and chloritized and cut but fracture filling quartz veins. Chemical metasedimentary rocks consisting of oxide facies iron formation are also observed in the TPK area. These iron formations are up to 4 m thick are generally discontinuous and appear highly deformed (Hart and Boucher, 2010).

The Freure Lake batholith, located north of the belt, is composed of massive to weakly foliated, fine to medium-grained, biotite tonalite to granodiorite (Hart and Boucher, 2010) and quartz monzonite to granite (Averill, 2010). In the TPK project area, Averill (2010) subdivides the Freure Lake Batholith into two phases which include a northern "main phase" of quartz monzonite and the lesser "Contact Stock" (leuco-) granite phase which occurs at the southern portion of the batholith at the contact with the greenstone belt. The main quartz monzonite phase of the Freure Lake Batholith is a coarse-grained (1-3 mm), grey-white to pale pink rock that typically contains 10 to 15 percent biotite, 25 to 30 percent quartz and 50 to 60 percent feldspar with K-spar nominally subordinate to plagioclase in a ratio between 1:1 and 1:2.

The leucogranite of the Contact Stock is a pale pink to variably hematite-stained, orange-pink to brick red rock that typically contains 30 to 40 percent quartz, 60 percent feldspar and just 1 to 5 percent biotite. The leucogranite in the northern part of the stock is as coarse grained (1-3 mm) as the adjoining quartz monzonite of the Freure Lake Batholith. The absence of a chilled margin in either the stock or batholith suggests that the stock is simply a late, highly fractionated, siliceous phase of the batholith. Within the Contact Stock, the grain size of the leucogranite diminishes progressively southward toward the greenstone belt. The progressive southward decrease in the grain size of the Contact Stock, the extensive dyking but only minimal metamorphism of the greenstone belt by the stock and the volcanogenic-type hydrothermal alteration within the stock indicate that the stock – and by extension the Freure Lake Batholith – is a synvolcanic intrusion (Averill, 2010).

The granodiorite of the Spero Lake Batholith that lies along the south side of the greenstone belt is typically medium to coarse grained and strongly sheared. The coarse primary grain size, in combination with a lack of thermal metamorphic effects in the volcanic rocks and leucogranite along the contacts of the Spero Lake Batholith and the outlying northern granodiorite sheet, suggest a structural contact (Averill et al., 2011).

STRUCTURE AND MINERALIZATION

Mineralization was emplaced principally within or proximal to an originally sub vertical to steeply S-dipping series of high-angle reverse faults, with subordinate shallower- (S-) dipping shears (R-style linking shears). Deformation was dominantly N-S compression, related to significant transpressive NW- to E-W shear along the regional-scale Stull FZ to the west and south (Rankin, 2011).

The shears were subsequently intersected / offset by later-stage brittle faults (associated with dry fault breccia zones). These locally reactivated some of the earlier shears. The faults are typically steep to moderately N-dipping (with reverse movement) (Rankin, 2011).

The Anomaly 3 district is also coincident with a broad NNE-trending corridor of roughly 100-200m spaced NNE-trending oblique to rotational faults. In the eastern half of the Anomaly 3 district, these faults have resulted in tilting of the sheared quartz monzonite. The primary shears are now oriented with steep N-dips, and the secondary shears are oriented with steep S-to sub vertical dips (Rankin, 2011).

Whilst the NNE-trending faults offset the shears and mineralization, it is possible that the structural corridor formed earlier, during the N-S compressive deformation; in this

interpretation it may have acted as a semi-dilatational transfer corridor, possibly focusing mineralizing fluids in the Anomaly 3 area (Rankin, 2011).

The Anomaly 3 mineralization straddles and / or lies immediately north of a weak but welldeveloped magnetite-hematite oxidation zonation boundary within the quartz-monzonite (mag south, hem north). It is possible that Au mineralization was also focused by redox conditions along this boundary (Rankin, 2011).

The western half of the district appears less deformed, with the shears principally in their original S-dipping orientation (Rankin, 2011).

SURFICIAL GEOLOGY

Mapping of the surficial geology of the Property was completed by Parsons (2008) and the following is a summary from Hart and Boucher (2010). Areas of thick till blankets cover much of the property and a generalized stratigraphy of the blankets consists of a lower, older, carbonate-bearing, lodgement till, a middle carbonate-bearing deformation till, and an upper non-carbonate-bearing till. The upper, carbonate-absent till has a weak flow structure and boulder population dominated by angular to sub-angular felsic intrusive rocks interpreted to be from local bedrock sources. Glacial striations average of 235°, interpreted to reflect the direction of the last dominant ice movement in the region.

DIAMOND DRILL PROGRAM SUMMARY

Drilling commenced on October 22nd 2010 and ended on March 31st 2011. Bradley Brothers Drilling Inc. (Now Major Drilling) of Rouyn-Noranda, Quebec was contracted to perform the diamond drilling using two LD-250 drill rigs. The program consisted of 23 BQ drill holes numbered sequentially from TPK-10-001 though TPK-11-022 for a total of 5450 metres. Diamond drill hole locations are given in Appendix C. Diamond drill hole sections are presented in Appendix D. Diamond drill logs are located in Appendix E. Drill hole location sketch is below in Figure 3.

A total of 4217 samples were collected for Au fire assay with AA finish plus a 48 element ICP-MS scan. Assay certificates with gold and ICP results are listed in Appendix F. Assay procedures for ALS Minerals are listed in Appendix G. Sample lengths averaged approximately 1.06 metres. Every twenty fifth sample collected alternated between one of four laboratory standards, blanks and duplicates sample for quality assurance purposes.

Samples were split on site at the Rowlandson Lake field camp and flown by fixed wing aircraft to Pickle Lake, Ontario in security sealed pails. The pails were stored at a secure warehouse in

Pickle Lake until shipping by Manitoulin Transport ground transportation to Thunder Bay. All remaining drill core is stored cross piled at the Rowlandson Lake camp.



Figure 3: Diamond Drill Hole Location Sketch

Hole-ID	Easting*	Northing*	Elevation

Table 1: Diamond drill program summary.

Hole-ID	Easting*	Northing*	Elevation	Azimuth	Dip	Length	Start	End
TPK-10-001	442246	5813426	256.4	360	-45	228.8	21-Oct-10	26-Oct-10
TPK-10-002	442246	5813426	256	360	-60	36	26-Oct-10	27-Oct-10
TPK-10-002A	442246	5813426	256	360	-60	198.4	27-Oct-10	29-Oct-10
TPK-10-003	442296	5813368	256	360	-50	222	29-Oct-10	3-Nov-10
TPK-10-004	442296	5813368	256	360	-50	246	3-Nov-10	6-Nov-10
TPK-10-005	442246	5813576	251	180	-50	198.55	6-Nov-10	9-Nov-10
TPK-11-005	442246	5813576	250	180	-50	119.45	22-Mar-11	25-Mar-11
TPK-10-006	442145	5813460	253	360	-50	200	9-Nov-10	12-Nov-10
TPK-10-007	442038	5813499	252	360	-50	189	12-Nov-10	25-Nov-10
TPK-10-008	441962	5813683	250	360	-50	214	25-Nov-10	28-Nov-10
TPK-10-009	441962	5813683	250	360	-70	221	29-Nov-10	30-Nov-10

ТРК-10-010	442180	5812250	266	360	-50	249	3-Dec-10	8-Dec-10
TPK-11-011	442180	5812250	266	360	-70	234	9-Dec-10	10-Dec-10
TPK-11-012	442450	5811805	259	40	-50	113.5	12-Dec-10	15-Dec-10
TPK-11-013	442323	5813531	251	180	-50	284	19-Jan-11	29-Jan-11
ТРК-11-014	442323	5813531	251	180	-70	321	29-Jan-11	2-Feb-11
TPK-11-015	442323	5813531	251	180	-45	231	2-Feb-11	6-Feb-11
ТРК-11-016	442271	5813499	250	180	-55	300	6-Feb-11	21-Feb-11
ТРК-11-017	442271	5813499	250	180	-65	282	21-Feb-11	25-Feb-11
TPK-11-018	442226	5813618	249	180	-50	300	25-Feb-11	1-Mar-11
TPK-11-019	442376	5813527	253	180	-50	300	2-Mar-11	6-Mar-11
TPK-11-020	442376	5813527	253	180	-65	309	6-Mar-11	10-Mar-11
TPK-11-021	442099	5813421	255	360	-50	189	25-Mar-11	28-Mar-11
TPK-11-022	442097	5813419	255	360	-65	264	28-Mar-11	31-Mar-11
					TOTAL	5449.7		

* NAD83 / UTM zone 16N.

TPK-10-001 was drilled to on section 22+00E to test up-ice of RC hole TPKRC10-112 with a strong gold and arsenic anomaly (460 Au & 1,500 aspy grains in 9.5kg table feed sample) in till on top of bedrock plus an anomalous bedrock gold assay,"404 ppb Au INAA and 0.099 g/t Au FAA". This anomaly is located down ice of a strong IP chargeability anomaly. The hole is dominated by medium to light grey speckled black quartz monzonite with small alternating aplite dykes and narrow shear zones. The quartz monzonite is moderately sheared over 7.92 metres from 104.12 to 112.04 metres with 1% disseminated aspy and trace py. No significant Au mineralization was encountered.

TPK-10-002 was spotted on the same setup as TPK-10-001 and was designed to test the same target down plunge. The hole was called off at 36 metres when drillers lost water return.

TPK-10-002A was the restart of TPK-10-002. The hole reached a depth of 198.4 metres and consisted of massive black-spotted quartz monzonite with minor cross cutting aplite dykes and rare quartz veining. A 3.25 metre zone of quartz veining occurs from 116.5 to 119.75 metres, consisting of moderate hematite and carbonate alteration with sericite seams, weak ankerite, very weak epidote along fractures and trace fine grained disseminated pyrite. No significant Au mineralization was encountered.

TPK-10-003 was designed to test up-ice of RC hole TPKRC10-113 with a weak gold and arsenic anomaly (24 Au & 500 aspy grains in 3.8 kg table feed sample) in till on top of bedrock plus an anomalous bedrock gold assay, (304 ppb Au INAA and 0.150 g/t Au FAA). The hole consisted primarily of massive light grey, black speckled quartz monzonite with narrow shear zones. The hole returned anomalous Au from 64.5 to 88.5 metres including 1.76 g/t Au over 0.38 metres in a shear zone from 68.0 to 68.38 metres.

TPK-10-004 was drilled down dip of TPK-10-003 and was designed to test the same RC target. The hole consisted primarily of black speckled quartz monzonite with alternating shear zones, aplite dykes and localized quartz veining. One speck of visible gold was observed in quartz veining at 109.27 to 109.42 metres; however the sample assayed only 0.8 g/t Au. Almost the entire hole assayed anomalous gold with spectacular values of 25.9 g/t Au over 13.5 metres from 149.3 to 162.8 metres including 46.0 g/t Au over 0.5 metres from 153.0 - 153.5 metres, 139.4 g/t Au over 1.7 metres from 156.8 - 158.5 metres, 749.0 g/t Au over 0.3 metres from 157.2 - 157.5 metres and 127.0 g/t Au over 0.7 metres from 162.0 - 162.7 metres. The strongest mineralization is associated with coarse visible gold in low angle smoky-grey quartz veins. The sheared quartz monzonite host rock is typically exhibits quartz flooding with locally strong sericite alteration. Alteration and shearing decreases outward from the main mineralized zone. Fine disseminated pyrite ranges from 2 – 8% with trace arsenopyrite.

TPK-10-005 (TPK-11-005) was drilled to a depth of 198.55 metres in 2010 and deppened to 318 metres in 2011. The hole was drilled towards 180 degrees to scissor TPK-10-001 and confirm apparent north-dipping structures. TPK-10-005 consists of medium-grained, massive black and white speckled quartz monzonite with alternating narrow shear zones. Assay highlights include 4.08 g/t Au over 0.3 metres from 45.0 – 45.3 metres and 3.82 g/t Au over 1.2 metres from 49.6 – 50.8 metres.

TPK-10-006 was drilled at 360 degrees approximately 100 metres west of TPK-10-001. The hole consisted of massive, light grey, black speckled quartz monzonite with minor narrow shear zones.

TPK-10-007 was drilled to test up-ice of RC hole TPKRC10-107 with a moderate gold and arsenic anomaly (121 Au & 1,000 aspy grains in 7.9 kg table feed sample) in till on top of bedrock. The hole was collared at 360 degrees azimuth approximately 100 m west of TPK-10-006. The hole consisted of massive, black speckled quartz monzonite with minor narrow aplite dykes and shears. No significant mineralization was encountered.

TPK-10-008 was drilled at 360 degrees azimuth approximately 200 metres north-northwest of TPK-10-007. The hole was designed to test up-ice of RC hole TPKRC10-106 with a strong gold and weak arsenic anomaly (1,167 Au & 500 aspy grains in 6.8 kg table feed sample) in till on top of bedrock. The hole consisted of massive, light grey, black speckled quartz monzonite with minor narrow shear zones and aplite dykes. No significant mineralization was observed.

TPK-10-009 was drilled on the same setup as TPK-10-008 to test down dip. The hole encountered similar geology as TPK-10-008 with the exception of some wider shear zones. One sample collected in a shear zone from 68.66 to 69.45 metres assayed 6.85 g/t Au. The assay coincided with strong shearing and 1-2 % fine grained py and aspy.

TPK-10-010 was drilled in the Target 2 area on the western shore of Crying Boy Lake. The hole consisted of massive fine-grained leucogranite with alternating quartz-sericite schist zones. The quartz-sericite schist zones commonly contain 2-5% fine disseminated pyrite. Much of the hole assayed anomalous for Au with the highest grade of 5.08 g/t Au occurring over 0.5 metres from 100.8 – 101.5 metres within quartz – sericite schist.

TPK-10-011 was drilled on the same setup as TPK-10-010 to test down dip. The hole consisted mainly of massive fine grained pink leucogranite with narrow quartz sericite schist zones. The hole assayed anomalously for Au typically concentrated around the quartz sericite zones.

TPK-10-012 was drilled on the shore of Crying Boy Lake to test the geology under the lake. The hole was called off at 113.5 meters due to poor core angles. The hole encountered black and white speckled "leucogranite" which appeared strongly sheared.

TPK-11-013 was drilled to scissor TPK-10-004. Gold bearing structures encountered in TPK-10-004 appeared to dip northward. The hole consists primarily of medium grained, black speckled quartz monzonite with minor quartz sericite schist and gold bearing quartz veins. A fracture zone consisting of blocky and broken quartz monzonite occurs above the main mineralized zone from 164.05 to 182.7 metres with the lowest 0.4 meters being fault gouge. The mineralized zone consists of sheared quartz monzonite with variable quartz flooding and, quartz veining and sericite schist from 182.7 to 196 metres. Sulphide mineralization includes 5 – 8% py and 1% aspy overall. Several specks of visible gold were observed in quartz veining from 193.3 to 193.15 metres. Assays returned 4.74 g/t gold over 6.84 metres from 186.96 to 193.80 metres including 15.52 g/t gold over 1.50 metres from 192.30 to 193.80 metres and including 33.90 g/t gold over 0.50 metres from 192.30 to 192.80 metres.

TPK-11-014 was drilled on the same setup as TPK-11-013 to test the down dip potential of the mineralized zone encountered in TPK-10-004 and TPK-11-013. A similar fracture zone was encountered as was seen in TPK-11-03 however gold mineralization was anomalous.

TPK-11-015 intersected the zone approximately 25 metres up-dip of hole TPK-11-013, returning 3.11 g/t gold over 1.74 metres from 175.26 to 177.00 metres in a well-mineralized sericitized shear zone. TPK-10-015 also intersected 10.15 g/t gold over 0.40 metres from 34.85 metres to 35.25 metres down-hole. Mineralization consists of moderately sheared and sericitized quartz monzonite, with trace disseminated pyrite and 1% arsenopyrite. Mineralization here is located directly underneath mineralized surface boulders and may represent another mineralized shear zone.

TPK-11-016 was collared 50 metres to the west of the main mineralized section (TPK-10-004 and TPK-11-013) and was designed to intersect the mineralized horizon 25 metres up dip of the mineralized horizon encountered in TPK-11-013. The hole intersected a 15-metre thick, weakly mineralized and sericitized shear zone at the projected target elevation; however the zone only returned values of 1.67 g/t gold over 1.0 metre.

TPK-11-017 was designed to test the mineralized zone down dip TPK-11-013; however no significant results were returned. TPK-11-017 intersected two zones of mineralization, one shallow and one deep, with values of 1.24 g/t gold over 4.50 metres from 7.00 to 11.50 metres down hole, including 4.45 g/t gold over 0.5 metres from 10.50 to 11.00 metres, and 1.59 g/t gold over 1.50 metres from 221.50 to 223.00 metres.

TPK-11-018 was designed to test for mineralization 50 metres down dip of hole TPK-10-005. TPK-11-018 intersected a moderately sericitized shear zone from 48.8 to 54.2 metres down hole with minor quartz stringers and local arsenopyrite. The zone ran 0.63 g/t gold over 5.90 metres from 45.40 to 51.30 metres including 3.02 g/t gold over 0.50 metres from 49.80 to 50.30 metres.

TPK-11-019 was drilled 50m east of TPK-11-013. The hole was designed to test the main mineralized zone 25m up dip of TPK-11-013. TPK-11-019 encountered black speckled quartz monzonite with minor alternating shear zones. A wide zone of shearing and sericite schist returned only anomalous results.

TPK-11-020 was drilled on the same setup as TPK-11-019 to test the mineralized zone 50 metres east 25 metres down dip of TPK-11-013. The hole encountered several narrow shears and fractured zones however these lacked sericite. No significant assays were returned.

TPK-11-021 was drilled north facing approximately 175 metres west of the discovery section (TPK-11-013). The hole consisted of black and white speckled quartz monzonite with minor narrow shear zones. No significant assays were returned.

TPK-11-022 was drilled on the same setup as TPK-11-021 and designed to test down dip. The hole consisted of black and white speckled quartz monzonite with minor narrow shear zones. No significant assays were returned.

CONCLUSIONS AND RECOMMENDATIONS

The 2010 – 2011 diamond drilling program at TPK encountered spectacular gold grades in TPK-10-004 and TPK-11-013 associated with coarse structurally controlled quartz veins. Drilling was focused primarily in the Target 3 area as defined by Reverse Circulation drilling Au and As anomalies in till and bedrock, coincident with high grade surface boulders.

The highest grade mineralization is so far concentrated on one drill section and was not seen to continue to the east or west however drilling is very limited especially to the east. Au mineralization is discontinuous and "poddy" and it is probably strongly linked to lensing (pinch and swell) along the primary shear zones and development of 2nd order transtensile linking shears and bends. Horsetail splay structures within the eastern sector are occasionally associated with significant quartz – sericite pervasive and vein – style alteration.

There is high potential for mineralization to discontinuously extend both down dip and along strike along the shear zones; many significant zones of mineralization may be blind at surface, with a consequent lack of any boulder / till anomaly footprint.

It is recommended that further diamond drilling take place along the eastern margin of the known mineralized shear zones. Closely spaced drilling may be required to intersect the mineralization due to its pinch and swell character. Close attention must be paid to structural fabrics which can change from north to south dipping along strike.

REFERENCES

AVERILL, S.A. 2010. Reverse circulation overburden drilling and heavy mineral geochemical sampling for gold. Unpublished report prepared for Rainy River Resources Ltd. and Northern Superior Resources Inc.

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STATEMENT OF QUALIFICATIONS

I, Darrell J. Hyde of 28 Iceland Place, St. Johns Newfoundland and Labrador hereby certify that:

- 1. I am the author of this report.
- 2. I graduated Memorial University of Newfoundland in St. Johns NL with a Bachelor of Science Degree (Hons.) in Earth Science (1999).
- 3. I have been practicing my profession as a geologist involved in mineral exploration for the past 13 years.
- 4. I am a practicing member of Professional Engineers and Geoscientists Newfoundland and Labrador.
- 5. I do not hold or expect to receive any interest in the property described in this report.
- 6. I consent to the use of this Report by Rainy River Resources Ltd, and Northern Superior Resources Inc.

and Ayde

St John's, NL December 6, 2012 Darrell Hyde Geologist Rainy River Resources Inc.

	Mandays Table		
Personnel	Organization	Position	Dates
Andrew Moonias	Neskantaga F.N.	lead core cutter	Oct15,2010 - April 28, 2011
Charles Fost	RRR	camp manager	Oct15,2010 - April 28, 2011
Darlene Sakanee	Neskantaga F.N.	cook assistant	Oct15,2010 - April 28, 2011
Darrel Hyde	RRR	project manager	Oct15,2010 - April 28, 2011
David Moonias	Neskantaga F.N.	carpenter	Oct15,2010 - April 28, 2011
Derek Moonias	Neskantaga F.N.	camp assistant manager	Oct15,2010 - April 28, 2011
Donald R Boucher	NSR	geologist	Oct15,2010 - April 28, 2011
Donald Sakanee	Neskantaga F.N.	camp maintenance	Oct15,2010 - April 28, 2011
Eugene Sakanee	Neskantaga F.N.	camp labour	Oct15,2010 - April 28, 2011
George Sakanee	Neskantaga F.N.	camp maintenance/elder	Oct15,2010 - April 28, 2011
Gordon Sakanee	Neskantaga F.N.	camp assistant manager	Oct15,2010 - April 28, 2011
Gordon Sugarhead	Neskantaga F.N.	cook	Oct15,2010 - April 28, 2011
John Danard	RRR	camp maintenance	Oct15,2010 - April 28, 2011
Jonathan Sagutch	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011
Julias Sakanee	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011
Kerry Sparkes	RRR	geologist	Oct15,2010 - April 28, 2011
Kurtis Moonias	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011
Kyle Stanfield	RRR	geologist	Oct15,2010 - April 28, 2011
Leo Moonias	Neskantaga F.N.	camp maintenance/elder	Oct15,2010 - April 28, 2011
Lincoln Dunn	RRR	camp Manager	Oct15,2010 - April 28, 2011
Matthew Sooley	NSR	geologist	Oct15,2010 - April 28, 2011
Randy Moonias	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011
Robert Ostamas	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011
Ronnie Moonias	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011
Sarah Jane Quisses	Neskantaga F.N.	cook assistant	Oct15,2010 - April 28, 2011
Sarah Miller	NSR/RRR	geologist	Oct15,2010 - April 28, 2011
Tollena Jacob	Neskantaga F.N.	cook assistant	Oct15,2010 - April 28, 2011
Thomas Hart	NSR	geologist	Oct15,2010 - April 28, 2011
Victor Moonias	Neskantaga F.N.	core cutter	Oct15,2010 - April 28, 2011

Cost Expenditure Summary

				Su	NSR and pervisional,	supplies &			camp				
		analytical	Drilling	cam	crew	equipment rental	tra	inc fuel	operational costs	share costs	ed helicopter (50/50 with RC)	shared f costs (50	ixed wing /50 with RC)
Actual Costs		\$ 158,600.76	\$ 675,415.40	\$	80,660.22	\$ 56,225.80	\$	65,194.97	\$ 156,087.77				
	64%	\$ 101,504.49	\$ 432,265.86	\$	51,622.54	\$ 35,984.51	\$	41,724.78	\$ 99,896.17				
cost of work performed after 24 months													
(credited at 50%)		\$ 50,752.24	\$ 216,132.93	\$	25,811.27	\$ 17,992.26	\$	20,862.39	\$ 49,948.09				
cost of work performed before24 months													
(credited at 100%) Total Time adjusted	36%	\$ 57,096.27	\$ 243,149.54	\$	29,037.68	\$ 20,241.29	\$	23,470.19	\$ 56,191.60				
credits shared camp operational costs		\$ 107,848.52	\$ 459,282.47	\$	54,848.95	\$ 38,233.54	\$	44,332.58	\$ 106,139.68	\$	268,033.37	\$	135,198.59
(50/50 with RC)									\$ 408,468.64				
TOTALS:		\$ 107,848.52	\$ 459,282.47	\$	54,848.95	\$ 38,233.54	\$	44,332.58	\$ 514,608.33	\$	268,033.37	\$	135,198.59

total metres drilled 5450.

Metres completed after February 21 - 1944 or 36% of total metres

							Supervisional				
							, camp	supplies &		camp	
							labour/field	equipment	transportatio	operational	
Date Num	Name	Memo	Code	Amount	analytical	Drilling	crew	rental	n inc fuel	costs	
March 31, 2011 gen jnl	Accrue WCB expense for Mar./11	WSIB-FN_RRR	Diamond Drilling	1,617.98			1,617.98				_
December 31, 2010 Accrue WSIB-E	Dec2010 Accrue WSIB Ontario Dec 2010	WSIB-FN_RRR	Diamond Drilling	2,395.76			2,395.76				
March 8, 2011 4744	Allbutt Mining Supplies Ltd.	Core racks	Diamond Drilling	2,581.16				2,581.16			
December 2, 2010 2186835	ALS Canada Ltd.	Analytical	Diamond Drilling	3,093.77	3,093.77						
December 2, 2010 2186047	ALS Canada Ltd.	Analytical	Diamond Drilling	5,230.33	5,230.33						
December 5, 2010 2186833	ALS Canada Ltd.	Analytical	Diamond Drilling	2,632.59	2,632.59						
December 6, 2010 2186831	ALS Canada Ltd.	Analytical	Diamond Drilling	8,266.99	8,266.99						
December 6, 2010 2186133	ALS Canada Ltd.	Analytical	Diamond Drilling	5,481.04	5,481.04						
December 7, 2010 2186836	ALS Canada Ltd.	Analytical	Diamond Drilling	7,322.93	7,322.93						
December 23, 2010 2201979	ALS Canada Ltd.	Analytical	Diamond Drilling	4,441.12	4,441.12						
December 27, 2010 2201895	ALS Canada Ltd.	Analytical	Diamond Drilling	4,945.90	4,945.90						
December 28, 2010 2201038	ALS Canada Ltd.	Analytical	Diamond Drilling	5,043.17	5,043.17						
December 31, 2010 2204877	ALS Canada Ltd.	Analytical	Diamond Drilling	3,831.22	3,831.22						
January 2, 2011 2207824	ALS Canada Ltd.	Analytical	Diamond Drilling	5,048.04	5,048.04						
January 3, 2011 2207827	ALS Canada Ltd.	Analytical	Diamond Drilling	5,058.48	5,058.48						
January 6, 2011 2207830	ALS Canada Ltd.	Analytical	Diamond Drilling	5,035.43	5,035.43						
January 6, 2011 2209086	ALS Canada Ltd.	Analytical	Diamond Drilling	71.25	71.25						
January 7, 2011 2209094	ALS Canada Ltd.	Analytical	Diamond Drilling	142.50	142.50						
January 7, 2011 2209076	ALS Canada Ltd.	Analytical	Diamond Drilling	128.25	128.25						
January 7, 2011 2209088	ALS Canada Ltd.	Analytical	Diamond Drilling	57.00	57.00						
January 8, 2011 2209096	ALS Canada Ltd.	Analytical	Diamond Drilling	171.00	171.00						
January 9, 2011 2209058	ALS Canada Ltd.	Analytical	Diamond Drilling	190.10	190.10						
January 9, 2011 2209089	ALS Canada Ltd.	Analytical	Diamond Drilling	175.85	175.85						
January 9, 2011 2209092	ALS Canada Ltd.	Analytical	Diamond Drilling	218.60	218.60						
January 10, 2011 2211872	ALS Canada Ltd.	Analytical	Diamond Drilling	3.738.17	3.738.17						
Eebruary 11, 2011 2236522	ALS Canada Ltd.	Analytical	Diamond Drilling	175.77	175.77						
February 12 2011 2230505	ALS Canada I td	Analytical	Diamond Drilling	2 234 36	2 234 36						
February 15, 2011 2231124	ALS Canada Ltd	Analytical	Diamond Drilling	4 055 69	4 055 69						
February 15, 2011 2232063	ALS Canada Ltd	Analytical	Diamond Drilling	2 122 57	2 122 57						
February 16, 2011 2232049	ALS Canada Ltd	Analytical	Diamond Drilling	3 484 45	3 484 45						
February 16, 2011 2232053	ALS Canada Ltd	Analytical	Diamond Drilling	3 490 70	3 490 70						
February 18, 2011 2235568	ALS Canada Ltd	Analytical	Diamond Drilling	3,430.70	3,490.70						
Eebruary 21, 2011 2235000	ALS Canada Ltd.	Analytical	Diamond Drilling	2 101 14	2 101 14						
Eebruary 22, 2011 2235042	ALS Canada Ltd.	Analytical	Diamond Drilling	2,191.14	2,191.14						
Eebruary 22, 2011 2235034	ALS Canada Ltd.	Analytical	Diamond Drilling	3,070.27	3,070.27						
February 24, 2011 2235646	ALS Canada Ltd.	Analytical	Diamond Drilling	3,444.15	3,444.15						
February 24, 2011 2240470	ALS Canada Ltd.	Analytical	Diamond Drilling	7.00	7.00						
February 28, 2011 2241290	ALS Canada Ltd.	Analytical	Diamond Drilling	4.00	4.00						
February 28, 2011 2241330	ALS Canada Ltd.	Analytical	Diamond Drilling	6.50	6.50						
February 28, 2011 2241322	ALS Canada Ltd.	Analytical	Diamond Drilling	7.00	7.00						
February 28, 2011 2241316	ALS Canada Ltd.	Analytical	Diamond Drilling	7.50	7.50						
February 28, 2011 2241299	ALS Canada Ltd.	Analytical	Diamond Drilling	11.50	11.50						
February 28, 2011 2240491	ALS Canada Ltd.	Analytical		27.00	27.00						
February 28, 2011 2235283	ALS Canada Ltd.	Analytical	Diamond Drilling	3,656.21	3,656.21						
February 28, 2011 2240461	ALS Canada Ltd.	Analytical	Diamond Drilling	23.50	23.50						
March 1, 2011 2235059	ALS Canada Ltd.	Analytical	Diamond Drilling	3,677.53	3,677.53						
March 1, 2011 2241310	ALS Canada Ltd.	Analytical	Diamond Drilling	10.50	10.50						
March 7, 2011 2246470	ALS Canada Ltd.	Analytical	Diamond Drilling	49.54	49.54						
March 15, 2011 2247116	ALS Canada Ltd.	Analytical	Diamond Drilling	99.55	99.55						
March 18, 2011 2256078	ALS Canada Ltd.	Analytical	Diamond Drilling	37.88	37.88						

							Supervisional	0			
							, camp	supplies &	transportatio	camp	
Date Num	Name	Memo	Code	Amount	analytical	Drilling	crew	rental	n inc fuel	costs	
March 23, 2011 2255954	ALS Canada Ltd.	Analytical	Diamond Drilling	49.64	49.64						
March 23, 2011 2254275	ALS Canada Ltd.	Analytical	Diamond Drilling	25.52	25.52						
March 24, 2011 2250616	ALS Canada Ltd.	Analytical	Diamond Drilling	2,193,40	2,193,40						
March 31, 2011 2252125	ALS Canada Ltd.	Analytical	Diamond Drilling	4,751,76	4,751,76						
April 22, 2011 2264226	ALS Canada Ltd.	Analytical	Diamond Drilling	5,761,41	5.761.41						
April 22, 2011 2268960	ALS Canada Ltd.	Analytical	Diamond Drilling	2.834.77	2.834.77						
April 23, 2011 2268905	ALS Canada Ltd.	Analytical	Diamond Drilling	3.777.56	3.777.56						
April 23, 2011 2268918	ALS Canada Ltd.	Analytical	Diamond Drilling	3,766.45	3,766.45						
April 25, 2011 2266807	ALS Canada Ltd.	Analytical	Diamond Drilling	5,280.08	5,280.08						
April 25, 2011 2266777	ALS Canada Ltd.	Analytical	Diamond Drilling	5,311.12	5,311.12						
April 25, 2011 2255867	ALS Canada Ltd.	Analytical	Diamond Drilling	5,818.98	5,818.98						
April 26, 2011 2282744	ALS Canada Ltd.	Analytical	Diamond Drilling	132.83	132.83						
May 20, 2011 2269109	ALS Canada Ltd.	Analytical	Diamond Drilling	5,152.58	5,152.58						
May 20, 2011 2269121	ALS Canada Ltd.	Analytical	Diamond Drilling	5,118.71	5,118.71						
May 20, 2011 2269101	ALS Canada Ltd.	Analytical	Diamond Drilling	5,223.49	5,223.49						
April 15, 2011 Payroll Entry	April 15, 2011 Payroll entry	Payroll-RRR	Diamond Drilling	1,563.26			1,563.26				
October 31, 2010 BF-52388	Bradley Brothers Limited	Drilling	Diamond Drilling	77,390.65		77,390.65					
November 15, 2010 BF-52475	Bradley Brothers Limited	Drilling	Diamond Drilling	8,570.00		8,570.00					
November 15, 2010 BF-52430	Bradley Brothers Limited	Drilling	Diamond Drilling	99,088.91		99,088.91					
November 30, 2010 BF-52498	Bradley Brothers Limited	Drilling	Diamond Drilling	47,275.59		47,275.59					
November 30, 2010 BF-52503	Bradley Brothers Limited	Drilling	Diamond Drilling	55,446.85		55,446.85					
December 17, 2010 cc BF-52510	Bradley Brothers Limited	Drilling	Diamond Drilling	86,480.89		86,480.89					
February 15, 2011 BF-52688	Bradley Brothers Limited	Drilling	Diamond Drilling	51,550.50		51,550.50					
February 28, 2011 BF-52761	Bradley Brothers Limited	Drilling	Diamond Drilling	72,955.56		72,955.56					
May 25, 2011 BF-52911	Bradley Brothers Limited	Drilling	Diamond Drilling	57.256.50		57.256.50					
May 25, 2011 BF-52926	Bradley Brothers Limited	Drilling	Diamond Drilling	6,792.00		6,792.00					
May 25, 2011 BF-52925	Bradley Brothers Limited	Drilling	Diamond Drilling	90,025.65		90,025.65					
May 25, 2011 BF-53057	Bradley Brothers Limited	Drilling	Diamond Drilling	1,079.25		1,079.25					
January 1, 2011 301141	CDN Resource Laboratories Ltd.	Analytical	Diamond Drilling	500.79	500.79						
December 31, 2010 gen inl		Core storage	Diamond Drilling	21.000.00		21.000.00					
November 15, 2010 ts11/15/10	David Moonias	Payroll-FN	Diamond Drilling	2,500.00			2,500.00				
February 22, 2011 t/s Feb 3-5, 2011	Derek Moonias	Payroll-FN	Diamond Drilling	540.00			540.00				
February 22, 2011 Wk Feb6-19,2011	Derek Moonias	Payroll-FN	Diamond Drilling	2,520.00			2,520.00				
March 15, 2011 t/s 02/20-03/5, 2011	Derek Moonias	Payroll-FN	Diamond Drilling	1,800.00			1,800.00				
November 19, 2010 311	dp Diamond Blades	Core sampling	Diamond Drilling	1,646.02				1,646.02			
January 1, 2011 311 - adj	dp Diamond Blades	Core sampling	Diamond Drilling	213.98				213.98			
January 27, 2011 335	dp Diamond Blades	core sampling	Diamond Drilling	2,492.89				2,492.89			
April 7, 2011 Mar 20-Apr2	George Sakanee	Payroll-FN	Diamond Drilling	3,250.00			3,250.00				
April 19, 2011 April2 - April19	George Sakanee	Payroll-FN	Diamond Drilling	3,250.00			3,250.00				
April 28, 2011 April 17-30	George Sakanee	Payroll-FN	Diamond Drilling	2,400.00			2,400.00				
April 7, 2011 Mar 20-Apr2	Gordon Sakanee	Payroll-FN	Diamond Drilling	2,520.00			2,520.00				
April 28, 2011 April17-30	Gordon Sakanee	Payroll-FN	Diamond Drilling	2,600.00			2,600.00				
April 7, 2011 Mar 20-Apr2	Gordon Sugarhead	Payroll-FN	Diamond Drilling	2,800.00			2,800.00				
April 19, 2011 April 3 - April 16	Gordon Sugarhead	Payroll-FN	Diamond Drilling	1,000.00			1,000.00				
December 21, 2010 12810-01396-16005	- Hydro One	Core storage	Diamond Drilling	58.99				58.99			
January 12, 2011 Jan 15/11 Payroll	Jan 15, 2011 payroll	Payroll-RRR	Diamond Drilling	635.66			635.66				
April 1, 2011 April12011	John Danard	Camp operational	Diamond Drilling	18.15			18.15				
April 1, 2011 April12011	John Danard	Travel Ground Transport	Diamond Drilling	97.72			97.72				
April 1, 2011 April12011	John Danard	Sustenance	Diamond Drilling	20.26			20.26				

							Supervisional	0		
							, camp	supplies &		camp
Defe News	News		0 a da	A	analytical	Drilling	labour/field	equipment	transportatio	operational
April 11, 2011 Mar start	Name	Camp operational	Diamond Drilling	5 128 00	analytical	Drining	CICW	Tentai	IT III C TUCI	E 129 00
Echruopy 11, 2011 to Jan 22 Ech 5/11	Joninity's Fresh Market	Payroll_EN	Diamond Drilling	5,138.00			490.00			5,136.00
February 11, 2011 ts Jan 23-Feb 5/11	Jonathan Sagutch		Diamond Drilling	480.00			480.00			
February 21, 2011 t/s Feb 6-19, 2011	Jonathan Sagutch		Diamond Drilling	2,240.00			2,240.00			
March 9, 2011 t/s Feb 20-Mar 4/11	Jonathan Sagutch		Diamond Drilling	2,080.00			2,080.00			
March 22, 2011 T/S Mar 6-19, 2011	Julias Sakanee		Diamond Drilling	480.00			480.00			
January 27, 2011 Exp Jan 27/11	Kerry Sparkes	Air Travei	Diamond Drilling	741.12			741.12			
March 11, 2011 Exp Feb TPK	Kerry Sparkes	Iravel Ground Transport	Diamond Drilling	13.27			13.27			
March 11, 2011 Exp Feb TPK	Kerry Sparkes	Air Travel	Diamond Drilling	140.00			140.00			
March 11, 2011 Exp Feb TPK	Kerry Sparkes	Accomodation	Diamond Drilling	238.00			238.00			
March 11, 2011 Exp Feb TPK	Kerry Sparkes	Sustenance	Diamond Drilling	99.68			99.68			
October 31, 2010 TS - Oct 27-31	Kurtis Moonias	core cutter - Oct 27-31 - 4 days at \$160	Diamond Drilling	800.00			800.00			
November 17, 2010 ts11/15/10	Kurtis Moonias	Payroll-FN	Diamond Drilling	2,080.00			2,080.00			
November 30, 2010 ts 11/30/10	Kurtis Moonias	Payroll-FN	Diamond Drilling	1,120.00			1,120.00			
December 16, 2010 ts-12/15/10	Kurtis Moonias	Payroll-FN	Diamond Drilling	1,120.00			1,120.00			
December 20, 2010 ts 12/18/10	Kurtis Moonias	Payroll-FN	Diamond Drilling	1,280.00			1,280.00			
April 7, 2011 Mar 20-Apr2	Leo Moonias	Payroll-FN	Diamond Drilling	2,780.01			2,780.01			
April 19, 2011 April3-16	Leo Moonias	Payroll-FN	Diamond Drilling	1,200.00			1,200.00			
April 28, 2011 April 17-30	Leo Moonias	Payroll-FN	Diamond Drilling	2,400.00			2,400.00			
January 17, 2011 Adj 2011-001	Neskantaga First Nation	Core storage	Diamond Drilling	7,800.00				7,800.00		
January 25, 2011 2011-001	Neskantaga First Nation	Core storage	Diamond Drilling	7,000.00				7,000.00		
February 23, 2011 2011-002	Neskantaga First Nation	Core storage	Diamond Drilling	12,200.00				12,200.00		
April 1, 2011 13593	North Star Air Ltd.	Camp operational	Diamond Drilling	2,417.20					2,417.20	
April 1, 2011 13567	North Star Air Ltd.	Camp operational	Diamond Drilling	33,782.00					33,782.00	
April 1, 2011 13659	North Star Air Ltd.	Camp operational	Diamond Drilling	272.83					272.83	
April 1, 2011 13593	North Star Air Ltd.	Fixed Wing	Diamond Drilling	1.778.00					1.778.00	
April 1 2011 13567	North Star Air I td	Fixed Wing	Diamond Drilling	23 228 94					23 228 94	
April 4, 2011, 13743	North Star Air Ltd	Camp operational	Diamond Drilling	1 938 00					1 938 00	
April 4, 2011 13743	North Star Air Ltd	Fixed Wing	Diamond Drilling	1,778.00					1,778.00	
February 25, 2011 WTNorthwest Byd	Northwest Payroll Eeb	Pavroll-EN	Diamond Drilling	7,140.00					1,770.00	7 140 00
April 4, 2011 358 D 11	Outland Inc	Camp operational	Diamond Drilling	44 048 23						44 048 23
April 4, 2011 259 C 11	Outland Inc.	Camp operational	Diamond Drilling	79 175 57						79 175 57
April 4, 2011 358-0-11	Outland Inc.	Camp operational	Diamond Drilling	16,115.57						4 550 00
April 4, 2011 560-11	Dutiand Inc.		Diamond Drilling	4,550.00			004.07			4,550.00
March 11, 2011 Feb 15/11 - Payroll	Payroll - Feb 15, 2011		Diamond Drilling	204.27			204.27			
March 11, 2011 Feb 15/11 - Payroll	Payroll - Feb 15, 2011		Diamond Drilling	204.28			204.28			
Nevember 20, 2010 to 44/00/40	Payroli - Feb 28, 2011		Diamond Drilling	620.05			620.05			
November 30, 2010 ts 11/30/10	Randy Moonias		Diamond Drilling	2,080.00			2,080.00			
December 16, 2010 ts-12/15/10	Randy Moonias		Diamond Drilling	2,240.00			2,240.00			
January 15, 2011 01/15/11-ts	Randy Moonias		Diamond Drilling	640.00			640.00			
January 22, 2011 ts-01/22/11	Randy Moonias	Payroll-FN	Diamond Drilling	1,120.00			1,120.00			
February 3, 2011 ts-01/29/11	Randy Moonias	Payroll-FN	Diamond Drilling	1,120.00			1,120.00			
February 28, 2011 100061	Raymac Environmental Services Inc.	Fuel Storage Berm	Diamond Drilling	18,545.95				18,545.95		
March 14, 2011 100064	Raymac Environmental Services Inc.	Fuel Storage Berm	Diamond Drilling	1,753.23				1,753.23		
March 29, 2011 100076	Raymac Environmental Services Inc.	Fuel Storage Berm	Diamond Drilling	1,933.58				1,933.58		
November 18, 2010 perp bk	record w/t Robert Ostamas and w/t s	/cPayroll-FN	Diamond Drilling	1,440.00			1,440.00			
December 14, 2010 perp bk	record w/t Robert Ostamas and w/t s	/cPayroll-FN	Diamond Drilling	2,240.00			2,240.00			
December 20, 2010 perp bk	record w/t Robert Ostamas and w/t s	/cPayroll-FN	Diamond Drilling	960.00			960.00			
December 1, 2010 perp bk	record w/t Robert Ostamuas and w/t	s Payroll-FN	Diamond Drilling	1,440.00			1,440.00			
February 3, 2011 ts-01/30/11	Ronnie Moonias	Payroll-FN	Diamond Drilling	320.00			320.00			
October 31, 2010 TS - Oct 2010	Sarah Miller	7 days of core logging	Diamond Drilling	3,150.00			3,150.00			

								Supervisional			
								, camp	supplies &		camp
								labour/field	equipment	transportatio	operational
Date	Num	Name	Memo	Code	Amount	analytical	Drilling	crew	rental	n inc fuel	costs
February 28, 2011 Exp F	Feb 9-19/11	Sarah Miller	Air Travel	Diamond Drilling	1,380.56			1,380.56			
April 11, 2011 Exp M	Mar 28, 11	Sarah Miller	Air Travel	Diamond Drilling	2,330.89			2,330.89			
April 11, 2011 Exp M	Mar 28, 11	Sarah Miller	Accomodation	Diamond Drilling	170.78			170.78			
May 4, 2011 28 Ap	pr (2 reports)	Sarah Miller	Air Travel	Diamond Drilling	75.00			75.00			
May 4, 2011 28 Ap	pr (2 reports)	Sarah Miller	Accomodation	Diamond Drilling	121.99			121.99			
May 4, 2011 28 Ap	pr (2 reports)	Sarah Miller	Sustenance	Diamond Drilling	27.45			27.45			
April 20, 2011 1109	7	Soudure Automatique Rouyn Inc.	Travel Ground Transport	Diamond Drilling	237.00		237.00				
April 20, 2011 1109	7	Soudure Automatique Rouyn Inc.	Accomodation	Diamond Drilling	189.28		189.28				
April 20, 2011 1109	7	Soudure Automatique Rouyn Inc.	Sustenance	Diamond Drilling	76.77		76.77				
April 1, 2011 4082	13625	The North West Co. Inc.	Camp operational	Diamond Drilling	54.81						54.81
April 1, 2011 4082	13764	The North West Co. Inc.	Camp operational	Diamond Drilling	114.20						114.20
April 1, 2011 4082	15094	The North West Co. Inc.	Camp operational	Diamond Drilling	85.68						85.68
April 1, 2011 4082	15109	The North West Co. Inc.	Camp operational	Diamond Drilling	165.00						165.00
April 1, 2011 4082	15219	The North West Co. Inc.	Camp operational	Diamond Drilling	89.93						89.93
April 1, 2011 4082	15280	The North West Co. Inc.	Camp operational	Diamond Drilling	132.00						132.00
April 1, 2011 4082	15400	The North West Co. Inc.	Camp operational	Diamond Drilling	38.97						38.97
April 1, 2011 4082	15477	The North West Co. Inc.	Camp operational	Diamond Drilling	248.30						248.30
April 1, 2011 4082	15519	The North West Co. Inc.	Camp operational	Diamond Drilling	14.98						14.98
April 1, 2011 4082	15647	The North West Co. Inc.	Camp operational	Diamond Drilling	264.00						264.00
April 1, 2011 4082	15721	The North West Co. Inc.	Camp operational	Diamond Drilling	176.44						176.44
April 1, 2011 4082	18118	The North West Co. Inc.	Camp operational	Diamond Drilling	203.31						203.31
April 2, 2011 4082	18577	The North West Co. Inc.	Camp operational	Diamond Drilling	204.82						204.82
April 3, 2011 4081	01282	The North West Co. Inc.	Camp operational	Diamond Drilling	89.98						89.98
February 28, 2011 Q2 A	JE#15	To record credit card charges to clear	Air Travel	Diamond Drilling	1,392.60						1,392.60
April 27, 2011 Payro	oll 30April 2011	To record Payroll 30 Apr 2011	Payroll-RRR	Diamond Drilling	2,220.75						2,220.75
December 31, 2010 2677	,	True Grit Consulting Ltd.	Consulting	Diamond Drilling	5,056.00						5,056.00
December 31, 2010 2677		True Grit Consulting Ltd.	Consulting	Diamond Drilling	6,425.86						6,425.86
April 15, 2011 Vaca	ation Accrual Ent	Vacation Accrual Entry April 15 2011	Payroll-RRR	Diamond Drilling	58.34						58.34
November 17, 2010 ts11/	15/10	Victor Moonias	Payroll-FN	Diamond Drilling	1,440.00			1,440.00			
November 30, 2010 ts 11/	/30/10	Victor Moonias	Payroll-FN	Diamond Drilling	2,080.00			2,080.00			
December 16, 2010 ts-12	2/15/10	Victor Moonias	Payroll-FN	Diamond Drilling	160.00			160.00			
February 23, 2011 1/31/	/11-3129413	WSIB - Ontario	WSIB-FN_RRR	Diamond Drilling	759.81			759.81			
February 28, 2011 Feb-1	11	WSIB - Ontario	WSIB-FN_RRR	Diamond Drilling	1,896.29			1,896.29			
April 27, 2011 Mar-1	11	WSIB - Ontario	WSIB-FN_RRR	Diamond Drilling	1,617.98			1,617.98			

TOTALS:

\$ 1,192,184.92 \$ 158,600.76 \$ 675,415.40 \$ 80,660.22 \$ 56,225.80 \$ 65,194.97 \$ 156,087.77

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Oct 01, 2010	520272494	The North West Co. Inc.	Camp operational	RC_DDH	(28.07)	RRR	-	(28.07)
Oct 01, 2010	520273072	The North West Co. Inc.	Camp operational	RC_DDH	(115.16)	RRR		(115.16)
Oct 14, 2010	74272	Petrovalue Products Canada Inc.	Camp operational	RC_DDH	4,249.41	RRR		4,249.41
Oct 22, 2010	408257469	The North West Co. Inc.	Camp operational	RC_DDH	4.25	RRR		4.25
Oct 26, 2010	408257977	The North West Co. Inc.	Camp operational	RC_DDH	8.24	RRR		8.24
Oct 31, 2010	2010- October	Northern Superior Resources Inc.	Camp operational	RC_DDH	22,751.04	RRR		22,751.04
Oct 31, 2010	r1010090	Overburden Drilling Management Limited	Camp operational	RC_DDH	159.83	RRR		159.83
Oct 31, 2010	520321916	The North West Co. Inc.	Camp operational	RC_DDH	24.29	RRR		24.29
Nov 02, 2010	exp - Nesk	Dennis A. Forbes & Associates	Camp operational	RC_DDH	447.18	RRR		447.18
Nov 02, 2010	Cash	exp - cook shop, Gordon Sugarhead	Camp operational	RC_DDH	720.00	RRR		720.00
Nov 02, 2010	Cash	exp cook, Darlene Sakanee	Camp operational	RC_DDH	125.00	RRR		125.00
Nov 02, 2010	Cash	exp cook, Sarah Jane Quisses	Camp operational	RC_DDH	125.00	RRR		125.00
Nov 02, 2010	exp - Nesk	Roy Moonias	Camp operational	RC_DDH	888.92	RRR		888.92
Nov 02, 2010	408259303	The North West Co. Inc.	Camp operational	RC_DDH	29.37	RRR		29.37
Nov 04, 2010	520293057	The North West Co. Inc.	Camp operational	RC_DDH	44.17	RRR		44.17
Nov 08, 2010	520323195	The North West Co. Inc.	Camp operational	RC_DDH	338.10	RRR		338.10
Nov 12, 2010	Cash	11/12/10-labour, Willy Waswas	Camp operational	RC_DDH	72.00	RRR		72.00
Nov 15, 2010	ts11/15/10	Leo Moonias	Payroll-FN	RC_DDH	2,600.00	RRR		2,600.00
Nov 16, 2010	408261496	The North West Co. Inc.	Camp operational	RC_DDH	199.99	RRR		199.99
Nov 18, 2010	ts 11/15/10	Gordon Sakanee	Payroll-FN	RC_DDH	2,080.00	RRR		2,080.00
Nov 18, 2010	perp bk	record w/t Derek Moonias	Payroll-FN	RC_DDH	1,620.00	RRR		1,620.00
Nov 18, 2010	perp bk	record w/t Eugene Sakanee and w/t s/c	Payroll-FN	RC_DDH	1,440.00	RRR		1,440.00
Nov 18, 2010	perp bk	record w/t George Sakanee and w/t s/c	Payroll-FN	RC_DDH	2,400.00	RRR		2,400.00
Nov 19, 2010	12725	North Star Air Ltd.	Camp operational	RC_DDH	9,524.67	RRR		9,524.67
Nov 24, 2010	100046	Raymac Environmental Services Inc.	Camp operational	RC_DDH	5,599.05	RRR		5,599.05
Nov 25, 2010	12752	North Star Air Ltd.	Camp operational	RC_DDH	8,078.77	RRR		8,078.77
Nov 25, 2010	40826289	The North West Co. Inc.	Camp operational	RC_DDH	175.50	RRR		175.50
Nov 25, 2010	RAI06E	Victoria Inn Thunder Bay	Camp operational	RC_DDH	308.97	RRR		308.97
Nov 26, 2010	Nov./10-stmt	Johnny's Fresh Market	Camp operational	RC_DDH	14,329.47	RRR		14,329.47
Nov 26, 2010	12754	North Star Air Ltd.	Camp operational	RC_DDH	903.18	RRR		903.18
Nov 29, 2010	105889	Graham Energy Limited	Camp operational	RC_DDH	4,243.69	RRR		4,243.69
Nov 30, 2010	exp 11/10	Don Boucher	Camp operational	RC_DDH	2,114.02	RRR		2,114.02
Nov 30, 2010	12901	North Star Air Ltd.	Camp operational	RC_DDH	540.59	RRR		540.59
Nov 30, 2010	exp 11/17/10	Thomas Morris	Camp operational	RC_DDH	922.67	RRR		922.67
Nov 30, 2010	exp 11/17/10	Thomas Morris	Camp/Field office Costs	RC_DDH	389.97	RRR		389.97
Nov 30, 2010	11/10-3129413	WSIB - Ontario	Camp operational	RC_DDH	1,380.02	RRR		1,380.02
Nov 30, 2010	ts11/30/10	Leo Moonias	Payroll-FN	RC_DDH	2,800.00	RRR		2,800.00

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost 50% of cost
Nov 30, 2010	ts 11/30/10	Gordon Sakanee	Payroll-FN	RC_DDH	800.00	RRR	800.00
Dec 01, 2010	perp bk	record w/t Derek Moonias and w/t s/c	Payroll-FN	RC_DDH	2,520.00	RRR	2,520.00
Dec 01, 2010	perp bk	record w/t Eugene Sakanee and w/t s/c	Payroll-FN	RC_DDH	1,280.00	RRR	1,280.00
Dec 01, 2010	perp bk	record w/t Gordon Sakanee and w/t s/c	Payroll-FN	RC_DDH	2,600.00	RRR	2,600.00
Dec 03, 2010	321-11-1	Outland Inc.	Camp operational	RC_DDH	36,527.12	RRR	36,527.12
Dec 03, 2010	321-11	Outland Inc.	Camp operational	RC_DDH	6,984.07	RRR	6,984.07
Dec 10, 2010	408201523	The North West Co. Inc.	Camp operational	RC_DDH	64.08	RRR	64.08
Dec 10, 2010	408201449	The North West Co. Inc.	Camp operational	RC_DDH	14.68	RRR	14.68
Dec 11, 2010	408201685	The North West Co. Inc.	Camp operational	RC_DDH	132.82	RRR	132.82
Dec 11, 2010	408201755	The North West Co. Inc.	Camp operational	RC_DDH	172.35	RRR	172.35
Dec 13, 2010	408201837	The North West Co. Inc.	Camp operational	RC_DDH	115.51	RRR	115.51
Dec 13, 2010	408201871	The North West Co. Inc.	Camp operational	RC_DDH	7.85	RRR	7.85
Dec 14, 2010	408202057	The North West Co. Inc.	Camp operational	RC_DDH	20.75	RRR	20.75
Dec 14, 2010	408202117	The North West Co. Inc.	Camp operational	RC_DDH	181.59	RRR	181.59
Dec 14, 2010	perp bk	recod w/t Eugene Sakanee and w/t s/c	Payroll-FN	RC_DDH	2,240.00	RRR	2,240.00
Dec 14, 2010	perp bk	record w/t Derek Moonias and w/t s/c	Payroll-FN	RC_DDH	1,260.00	RRR	1,260.00
Dec 14, 2010	perp bk	record w/t George Sakanee and w/t s/c	Payroll-FN	RC_DDH	2,800.00	RRR	2,800.00
Dec 15, 2010	Dec. 15/10 stmt	Johnny's Fresh Market	Camp operational	RC_DDH	5,125.10	RRR	5,125.10
Dec 15, 2010	408202278	The North West Co. Inc.	Camp operational	RC_DDH	20.82	RRR	20.82
Dec 15, 2010	IN190604	Wasaya Airways LP	Camp operational	RC_DDH	317.00	RRR	317.00
Dec 16, 2010	exp - TPK	Ken Vargas	Camp operational	RC_DDH	89.99	RRR	89.99
Dec 16, 2010	12886	North Star Air Ltd.	Camp operational	RC_DDH	290.40	RRR	290.40
Dec 16, 2010	408202646	The North West Co. Inc.	Camp operational	RC_DDH	135.31	RRR	135.31
Dec 16, 2010	408202580	The North West Co. Inc.	Camp operational	RC_DDH	77.51	RRR	77.51
Dec 16, 2010	ts-12/15/10	Leo Moonias	Payroll-FN	RC_DDH	1,600.00	RRR	1,600.00
Dec 16, 2010	ts-12/15/10	Gordon Sakanee	Payroll-FN	RC_DDH	1,920.00	RRR	1,920.00
Dec 18, 2010	34375	Nakina Air Service Ltd.	Camp operational	RC_DDH	176.99	RRR	176.99
Dec 18, 2010	34376	Nakina Air Service Ltd.	Camp operational	RC_DDH	176.99	RRR	176.99
Dec 19, 2010	408203074	The North West Co. Inc.	Camp operational	RC_DDH	199.26	RRR	199.26
Dec 20, 2010	TS 12/18/10	Leo Moonias	Payroll-FN	RC_DDH	1,400.00	RRR	1,400.00
Dec 20, 2010	ts 12/18/10	Gordon Sakanee	Payroll-FN	RC_DDH	1,120.00	RRR	1,120.00
Dec 20, 2010	perp bk	record w/t Egnene Sakanee and w/t s/c	Payroll-FN	RC_DDH	640.00	RRR	640.00
Dec 20, 2010	perp bk	record w/t George Sakanee and w/t s/c	Payroll-FN	RC_DDH	1,735.00	RRR	1,735.00
Dec 21, 2010	91007046-00	Gardewine North	Camp operational	RC_DDH	110.88	RRR	110.88
Dec 21, 2010	408203299	The North West Co. Inc.	Camp operational	RC_DDH	5.49	RRR	5.49
Dec 31, 2010	gen jnl	clear scopong costs account in TPK	Camp operational	RC_DDH	31,333.07	RRR	31,333.07
Dec 31, 2010	1150983	North-Air Services	Camp operational	RC_DDH	469.03	RRR	469.03

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Dec 31, 2010	1210129	Overburden Drilling Management Limited	Camp operational	RC_DDH	3,507.19	RRR	-	3,507.19
Dec 31, 2010	1210127	Overburden Drilling Management Limited	Camp operational	RC_DDH	70.76	RRR		70.76
Dec 31, 2010	2677	True Grit Consulting Ltd.	Camp operational	RC_DDH	2,596.37	RRR		2,596.37
Dec 31, 2010	r 12/31/10-ts	Leo Moonias	Payroll-FN	RC_DDH	2,800.00	RRR		2,800.00
Dec 31, 2010	12/31/10-ts	Gordon Sakanee	Payroll-FN	RC_DDH	1,920.00	RRR		1,920.00
Jan 01, 2011	13091	North Star Air Ltd.	Camp operational	RC_DDH	479.46	RRR		479.46
Jan 01, 2011	13092	North Star Air Ltd.	Camp operational	RC_DDH	52.13	RRR		52.13
Jan 07, 2011	Cash	George Sakanee	Payroll-FN	RC_DDH	1,535.00	RRR		1,535.00
Jan 08, 2011	01/08/11-ts	Leo Moonias	Payroll-FN	RC_DDH	1,400.00	RRR		1,400.00
Jan 08, 2011	01/08/11-ts	Gordon Sakanee	Payroll-FN	RC_DDH	1,120.00	RRR		1,120.00
Jan 10, 2011	13104	North Star Air Ltd.	Camp operational	RC_DDH	7,931.58	RRR		7,931.58
Jan 12, 2011	408206725	The North West Co. Inc.	Camp operational	RC_DDH	260.18	RRR		260.18
Jan 12, 2011	I-4272809	Xplornet Internet Services	Camp/Field office Costs	RC_DDH	131.61	RRR		131.61
Jan 12, 2011	I-4273009	Xplornet Internet Services	Camp/Field office Costs	RC_DDH	208.67	RRR		208.67
Jan 13, 2011	296434	Norman McBride	Camp operational	RC_DDH	12,700.00	RRR		12,700.00
Jan 13, 2011	408206912	The North West Co. Inc.	Camp operational	RC_DDH	23.33	RRR		23.33
Jan 13, 2011	Cash	George Sakanee	Payroll-FN	RC_DDH	1,200.00	RRR		1,200.00
Jan 14, 2011	13162	North Star Air Ltd.	Camp operational	RC_DDH	698.80	RRR		698.80
Jan 15, 2011	408207098	The North West Co. Inc.	Camp operational	RC_DDH	130.80	RRR		130.80
Jan 17, 2011	13180	North Star Air Ltd.	Camp operational	RC_DDH	423.71	RRR		423.71
Jan 17, 2011	13112	North Star Air Ltd.	Camp operational	RC_DDH	22,199.25	RRR		22,199.25
Jan 17, 2011	408207193	The North West Co. Inc.	Camp operational	RC_DDH	53.67	RRR		53.67
Jan 17, 2011	408207381	The North West Co. Inc.	Camp operational	RC_DDH	363.86	RRR		363.86
Jan 17, 2011	408207383	The North West Co. Inc.	Camp operational	RC_DDH	25.53	RRR		25.53
Jan 17, 2011	408207451	The North West Co. Inc.	Camp operational	RC_DDH	186.74	RRR		186.74
Jan 17, 2011	408207696	The North West Co. Inc.	Camp operational	RC_DDH	1,518.56	RRR		1,518.56
Jan 19, 2011	408207748	The North West Co. Inc.	Camp operational	RC_DDH	18.90	RRR		18.90
Jan 19, 2011	408207803	The North West Co. Inc.	Camp operational	RC_DDH	80.95	RRR		80.95
Jan 20, 2011	408206841	The North West Co. Inc.	Camp operational	RC_DDH	203.70	RRR		203.70
Jan 20, 2011	408207852	The North West Co. Inc.	Camp operational	RC_DDH	196.88	RRR		196.88
Jan 20, 2011	408207929	The North West Co. Inc.	Camp operational	RC_DDH	378.62	RRR		378.62
Jan 20, 2011	408207955	The North West Co. Inc.	Camp operational	RC_DDH	9.57	RRR		9.57
Jan 20, 2011	408207969	The North West Co. Inc.	Camp operational	RC_DDH	252.28	RRR		252.28
Jan 20, 2011	408208020	The North West Co. Inc.	Camp operational	RC_DDH	192.16	RRR		192.16
Jan 21, 2011	408208023	The North West Co. Inc.	Camp operational	RC_DDH	99.99	RRR		99.99
Jan 21, 2011	408208035	The North West Co. Inc.	Camp operational	RC_DDH	139.37	RRR		139.37
Jan 21, 2011	408208141	The North West Co. Inc.	Camp operational	RC_DDH	151.20	RRR		151.20

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Jan 22, 2011	408208179	The North West Co. Inc.	Camp operational	RC_DDH	289.28	RRR	-	289.28
Jan 22, 2011	408208182	The North West Co. Inc.	Camp operational	RC_DDH	99.99	RRR		99.99
Jan 22, 2011	408208184	The North West Co. Inc.	Camp operational	RC_DDH	(15.00)	RRR		(15.00)
Jan 22, 2011	408208186	The North West Co. Inc.	Camp operational	RC_DDH	14.27	RRR		14.27
Jan 22, 2011	408208233	The North West Co. Inc.	Camp operational	RC_DDH	73.91	RRR		73.91
Jan 22, 2011	408208240	The North West Co. Inc.	Camp operational	RC_DDH	47.25	RRR		47.25
Jan 22, 2011	408208293	The North West Co. Inc.	Camp operational	RC_DDH	43.96	RRR		43.96
Jan 22, 2011	408208353	The North West Co. Inc.	Camp operational	RC_DDH	230.58	RRR		230.58
Jan 22, 2011	408208386	The North West Co. Inc.	Camp operational	RC_DDH	141.75	RRR		141.75
Jan 22, 2011	408208416	The North West Co. Inc.	Camp operational	RC_DDH	86.94	RRR		86.94
Jan 22, 2011	ts-01/22/11	Leo Moonias	Payroll-FN	RC_DDH	1,400.00	RRR		1,400.00
Jan 25, 2011	408208606	The North West Co. Inc.	Camp operational	RC_DDH	360.99	RRR		360.99
Jan 25, 2011	408208531	The North West Co. Inc.	Camp operational	RC_DDH	372.63	RRR		372.63
Jan 25, 2011	408208684	The North West Co. Inc.	Camp operational	RC_DDH	10.98	RRR		10.98
Jan 26, 2011	10906	Soudure Automatique Rouyn Inc.	Camp operational	RC_DDH	6,960.00	RRR		6,960.00
Jan 26, 2011	10907	Soudure Automatique Rouyn Inc.	Camp operational	RC_DDH	9,010.00	RRR		9,010.00
Jan 26, 2011	408208879	The North West Co. Inc.	Camp operational	RC_DDH	302.40	RRR		302.40
Jan 26, 2011	408208796	The North West Co. Inc.	Camp operational	RC_DDH	52.95	RRR		52.95
Jan 26, 2011	408208824	The North West Co. Inc.	Camp operational	RC_DDH	312.35	RRR		312.35
Jan 26, 2011	1101270010	Victoria Inn Thunder Bay	Camp operational	RC_DDH	243.98	RRR		243.98
Jan 26, 2011	1101280012	Victoria Inn Thunder Bay	Camp operational	RC_DDH	243.99	RRR		243.99
Jan 26, 2011	1101280009	Victoria Inn Thunder Bay	Camp operational	RC_DDH	243.98	RRR		243.98
Jan 26, 2011	1101280016	Victoria Inn Thunder Bay	Camp operational	RC_DDH	271.98	RRR		271.98
Jan 26, 2011	1101280028	Victoria Inn Thunder Bay	Camp operational	RC_DDH	271.98	RRR		271.98
Jan 26, 2011	1101280029	Victoria Inn Thunder Bay	Camp operational	RC_DDH	271.98	RRR		271.98
Jan 26, 2011	Cash	Eugene Sakanee	Payroll-FN	RC_DDH	800.00	RRR		800.00
Jan 26, 2011	Cash	George Sakanee	Payroll-FN	RC_DDH	2,355.00	RRR		2,355.00
Jan 27, 2011	408209091	The North West Co. Inc.	Camp operational	RC_DDH	266.49	RRR		266.49
Jan 27, 2011	408209001	The North West Co. Inc.	Camp operational	RC_DDH	44.10	RRR		44.10
Jan 27, 2011	408208985	The North West Co. Inc.	Camp operational	RC_DDH	101.60	RRR		101.60
Jan 28, 2011	335-11	Outland Inc.	Camp operational	RC_DDH	36,720.04	RRR		36,720.04
Jan 28, 2011	Exp Jan 2011	Sarah Miller	Camp operational	RC_DDH	1,699.13	RRR		1,699.13
Jan 28, 2011	408100565	The North West Co. Inc.	Camp operational	RC_DDH	113.40	RRR		113.40
Jan 28, 2011	408209145	The North West Co. Inc.	Camp operational	RC_DDH	51.96	RRR		51.96
Jan 29, 2011	408209494	The North West Co. Inc.	Camp operational	RC_DDH	65.03	RRR		65.03
Jan 31, 2011	106661	Graham Energy Limited	Camp operational	RC_DDH	260.31	RRR		260.31
Jan 31, 2011	Jan 2011 STMT	Johnny's Fresh Market	Camp operational	RC_DDH	17,146.10	RRR		17,146.10

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost 5	50% of cost
Jan 31, 2011	13290	North Star Air Ltd.	Camp operational	RC_DDH	148.22	RRR	-	148.22
Jan 31, 2011	13185	North Star Air Ltd.	Camp operational	RC_DDH	11,224.75	RRR		11,224.75
Jan 31, 2011	13389	North Star Air Ltd.	Camp operational	RC_DDH	675.96	RRR		675.96
Jan 31, 2011	408209683	The North West Co. Inc.	Camp operational	RC_DDH	17.98	RRR		17.98
Jan 31, 2011	408209654	The North West Co. Inc.	Camp operational	RC_DDH	25.99	RRR		25.99
Jan 31, 2011	408209519	The North West Co. Inc.	Camp operational	RC_DDH	43.90	RRR		43.90
Jan 31, 2011	Stmt Jan 2011	Tompkins' Hardware Ltd.	Camp operational	RC_DDH	6,451.29	RRR		6,451.29
Feb 01, 2011	13275	North Star Air Ltd.	Camp operational	RC_DDH	2,586.77	RRR		2,586.77
Feb 01, 2011	153076	Strongco	Camp operational	RC_DDH	2,959.31	RRR		2,959.31
Feb 01, 2011	408209729	The North West Co. Inc.	Camp operational	RC_DDH	209.79	RRR		209.79
Feb 01, 2011	408209521	The North West Co. Inc.	Camp operational	RC_DDH	255.15	RRR		255.15
Feb 01, 2011	408209738	The North West Co. Inc.	Camp operational	RC_DDH	200.53	RRR		200.53
Feb 01, 2011	408209781	The North West Co. Inc.	Camp operational	RC_DDH	34.99	RRR		34.99
Feb 02, 2011	408209880	The North West Co. Inc.	Camp operational	RC_DDH	155.28	RRR		155.28
Feb 02, 2011	408209908	The North West Co. Inc.	Camp operational	RC_DDH	25.47	RRR		25.47
Feb 02, 2011	408209979	The North West Co. Inc.	Camp operational	RC_DDH	27.46	RRR		27.46
Feb 02, 2011	408210013	The North West Co. Inc.	Camp operational	RC_DDH	17.99	RRR		17.99
Feb 02, 2011	408210071	The North West Co. Inc.	Camp operational	RC_DDH	141.75	RRR		141.75
Feb 03, 2011	296435	Norm McBride	Camp operational	RC_DDH	8,737.09	RRR		8,737.09
Feb 03, 2011	296435 Ajustment	Norm McBride	Camp operational	RC_DDH	5,000.00	RRR		5,000.00
Feb 03, 2011	408210128	The North West Co. Inc.	Camp operational	RC_DDH	162.54	RRR		162.54
Feb 03, 2011	408210103	The North West Co. Inc.	Camp operational	RC_DDH	30.65	RRR		30.65
Feb 03, 2011	408210379	The North West Co. Inc.	Camp operational	RC_DDH	189.00	RRR		189.00
Feb 03, 2011	ts-01/29/11	Leo Moonias	Payroll-FN	RC_DDH	1,500.00	RRR		1,500.00
Feb 03, 2011	ts-01/30/11	Donald Sakanee	Payroll-FN	RC_DDH	320.00	RRR		320.00
Feb 03, 2011	t/s 01/23-29, 2011	George Sakanee	Payroll-FN	RC_DDH	1,925.00	RRR		1,925.00
Feb 04, 2011	408210257	The North West Co. Inc.	Camp operational	RC_DDH	31.22	RRR		31.22
Feb 05, 2011	408210606	The North West Co. Inc.	Camp operational	RC_DDH	124.74	RRR		124.74
Feb 05, 2011	408210488	The North West Co. Inc.	Camp operational	RC_DDH	226.80	RRR		226.80
Feb 05, 2011	408210473	The North West Co. Inc.	Camp operational	RC_DDH	53.56	RRR		53.56
Feb 07, 2011	408210709	The North West Co. Inc.	Camp operational	RC_DDH	24.99	RRR		24.99
Feb 07, 2011	408210682	The North West Co. Inc.	Camp operational	RC_DDH	162.54	RRR		162.54
Feb 07, 2011	408210652	The North West Co. Inc.	Camp operational	RC_DDH	357.56	RRR		357.56
Feb 08, 2011	408210892	The North West Co. Inc.	Camp operational	RC_DDH	56.87	RRR		56.87
Feb 09, 2011	408211027	The North West Co. Inc.	Camp operational	RC_DDH	242.74	RRR		242.74
Feb 11, 2011	408211412	The North West Co. Inc.	Camp operational	RC_DDH	127.33	RRR		127.33
Feb 11, 2011	408211403	The North West Co. Inc.	Camp operational	RC_DDH	35.91	RRR		35.91

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost 50% of cost
Feb 11, 2011	IN189893	Wasaya Airways LP	Camp operational	RC_DDH	317.00	RRR	317.00
Feb 11, 2011	ts Jan 23 - Feb 5/11	Leo Moonias	Payroll-FN	RC_DDH	2,125.00	RRR	2,125.00
Feb 11, 2011	ts Jan 22-26	Donald Sakanee	Payroll-FN	RC_DDH	470.00	RRR	470.00
Feb 11, 2011	t/s 01/23-29, 2011	Eugene Sakanee	Payroll-FN	RC_DDH	320.00	RRR	320.00
Feb 11, 2011	t/s 02/1-5, 2011	Eugene Sakanee	Payroll-FN	RC_DDH	800.00	RRR	800.00
Feb 11, 2011	t/s 01/31-02/5, 2011	George Sakanee	Payroll-FN	RC_DDH	1,700.00	RRR	1,700.00
Feb 11, 2011	ts Feb 3-5, 2011	Gordon Sakanee	Payroll-FN	RC_DDH	540.00	RRR	540.00
Feb 11, 2011	ts Jan12-14/11	Gordon Sakanee	Payroll-FN	RC_DDH	480.00	RRR	480.00
Feb 12, 2011	408211608	The North West Co. Inc.	Camp operational	RC_DDH	240.03	RRR	240.03
Feb 14, 2011	208211775	The North West Co. Inc.	Camp operational	RC_DDH	44.72	RRR	44.72
Feb 14, 2011	408211760	The North West Co. Inc.	Camp operational	RC_DDH	308.80	RRR	308.80
Feb 15, 2011	408211956	The North West Co. Inc.	Camp operational	RC_DDH	287.00	RRR	287.00
Feb 15, 2011	408211775	The North West Co. Inc.	Camp operational	RC_DDH	44.72	RRR	44.72
Feb 18, 2011	106903	Graham Energy Limited	Camp operational	RC_DDH	3,247.94	RRR	3,247.94
Feb 18, 2011	408212286	The North West Co. Inc.	Camp operational	RC_DDH	230.29	RRR	230.29
Feb 18, 2011	408100681	The North West Co. Inc.	Camp operational	RC_DDH	119.93	RRR	119.93
Feb 19, 2011	408212518	The North West Co. Inc.	Camp operational	RC_DDH	5.49	RRR	5.49
Feb 19, 2011	408100693	The North West Co. Inc.	Camp operational	RC_DDH	343.54	RRR	343.54
Feb 19, 2011	408212501	The North West Co. Inc.	Camp operational	RC_DDH	109.14	RRR	109.14
Feb 19, 2011	408212456	The North West Co. Inc.	Camp operational	RC_DDH	41.58	RRR	41.58
Feb 20, 2011	408212697	The North West Co. Inc.	Camp operational	RC_DDH	49.27	RRR	49.27
Feb 21, 2011	t/s Feb 6-19. 2011	Leo Moonias	Payroll-FN	RC_DDH	2,800.00	RRR	2,800.00
Feb 21, 2011	t/s Feb 11-10, 2011	Gordon Sakanee	Payroll-FN	RC_DDH	1,440.00	RRR	1,440.00
Feb 21, 2011	t/s Feb 6-10, 2011	Gordon Sakanee	Payroll-FN	RC_DDH	900.00	RRR	900.00
Feb 22, 2011	11038	Soudure Automatique Rouyn Inc.	Camp operational	RC_DDH	6,838.48	RRR	6,838.48
Feb 22, 2011	408213034	The North West Co. Inc.	Camp operational	RC_DDH	33.32	RRR	33.32
Feb 22, 2011	408212952	The North West Co. Inc.	Camp operational	RC_DDH	23.97	RRR	23.97
Feb 22, 2011	408212857	The North West Co. Inc.	Camp operational	RC_DDH	18.64	RRR	18.64
Feb 22, 2011	408100784	The North West Co. Inc.	Camp operational	RC_DDH	167.88	RRR	167.88
Feb 22, 2011	t/s 02/ 5-12, 2011	Eugene Sakanee	Payroll-FN	RC_DDH	1,120.00	RRR	1,120.00
Feb 22, 2011	t/s 02/06-19+Rental	George Sakanee	Payroll-FN	RC_DDH	3,625.00	RRR	3,625.00
Feb 23, 2011	408213068	The North West Co. Inc.	Camp operational	RC_DDH	31.98	RRR	31.98
Feb 23, 2011	408213138	The North West Co. Inc.	Camp operational	RC_DDH	36.66	RRR	36.66
Feb 24, 2011	11039	Soudure Automatique Rouyn Inc.	Camp operational	RC_DDH	1,600.00	RRR	1,600.00
Feb 24, 2011	408213247	The North West Co. Inc.	Camp operational	RC_DDH	233.00	RRR	233.00
Feb 24, 2011	408213260	The North West Co. Inc.	Camp operational	RC_DDH	150.68	RRR	150.68
Feb 28, 2011	338-11	Outland Inc.	Camp operational	RC_DDH	100,882.67	RRR	100,882.67 417,740.07

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Feb 28, 2011	408100933	The North West Co. Inc.	Camp operational	RC_DDH	485.56	RRR	485.56	
Feb 28, 2011	408213981	The North West Co. Inc.	Camp operational	RC_DDH	167.58	RRR	167.58	
Mar 01, 2011	13439	North Star Air Ltd.	Camp operational	RC_DDH	2,592.40	RRR	2,592.40	
Mar 01, 2011	13463	North Star Air Ltd.	Camp operational	RC_DDH	661.74	RRR	661.74	
Mar 01, 2011	13473	North Star Air Ltd.	Camp operational	RC_DDH	1,371.88	RRR	1,371.88	
Mar 01, 2011	13515	North Star Air Ltd.	Camp operational	RC_DDH	112.12	RRR	112.12	
Mar 01, 2011	13313	North Star Air Ltd.	Camp operational	RC_DDH	67,153.21	RRR	67,153.21	
Mar 01, 2011	13445	North Star Air Ltd.	Camp operational	RC_DDH	15,717.05	RRR	15,717.05	
Mar 02, 2011	408214325	The North West Co. Inc.	Camp operational	RC_DDH	49.50	RRR	49.50	
Mar 02, 2011	408214408	The North West Co. Inc.	Camp operational	RC_DDH	241.99	RRR	241.99	
Mar 03, 2011	02/11 01396-16005	Hydro One	Camp operational	RC_DDH	27.54	RRR	27.54	
Mar 03, 2011	348-11	Outland Inc.	Camp operational	RC_DDH	69,238.39	RRR	69,238.39	
Mar 03, 2011	408100976	The North West Co. Inc.	Camp operational	RC_DDH	16.07	RRR	16.07	
Mar 03, 2011	408214547	The North West Co. Inc.	Camp operational	RC_DDH	99.00	RRR	99.00	
Mar 03, 2011	408214424	The North West Co. Inc.	Camp operational	RC_DDH	358.62	RRR	358.62	
Mar 04, 2011	13516	North Star Air Ltd.	Camp operational	RC_DDH	611.10	RRR	611.10	
Mar 04, 2011	408214779	The North West Co. Inc.	Camp operational	RC_DDH	244.99	RRR	244.99	
Mar 04, 2011	408214670	The North West Co. Inc.	Camp operational	RC_DDH	69.30	RRR	69.30	
Mar 05, 2011	408214937	The North West Co. Inc.	Camp operational	RC_DDH	351.13	RRR	351.13	
Mar 05, 2011	408214939	The North West Co. Inc.	Camp operational	RC_DDH	102.30	RRR	102.30	
Mar 05, 2011	408214361	The North West Co. Inc.	Camp operational	RC_DDH	195.58	RRR	195.58	
Mar 09, 2011	13562	North Star Air Ltd.	Camp operational	RC_DDH	119.02	RRR	119.02	
Mar 09, 2011	13520	North Star Air Ltd.	Camp operational	RC_DDH	6,377.76	RRR	6,377.76	
Mar 09, 2011	13559	North Star Air Ltd.	Camp operational	RC_DDH	600.00	RRR	600.00	
Mar 09, 2011	02/28/11 STMT	Tompkins' Hardware Ltd.	Camp operational	RC_DDH	3,812.29	RRR	3,812.29	
Mar 09, 2011	t/s Feb 20-Mar 5/11	Leo Moonias	Payroll-FN	RC_DDH	1,700.00	RRR	1,700.00	
Mar 09, 2011	t/s Feb 23-Mar 5/11	Eugene Sakanee	Payroll-FN	RC_DDH	1,920.00	RRR	1,920.00	
Mar 09, 2011	t/s Feb 20-Mar 5/11	George Sakanee	Payroll-FN	RC_DDH	3,100.00	RRR	3,100.00	
Mar 11, 2011	408215770	The North West Co. Inc.	Camp operational	RC_DDH	326.71	RRR	326.71	
Mar 11, 2011	408215945	The North West Co. Inc.	Camp operational	RC_DDH	155.10	RRR	155.10	
Mar 12, 2011	408216115	The North West Co. Inc.	Camp operational	RC_DDH	108.90	RRR	108.90	
Mar 12, 2011	408216059	The North West Co. Inc.	Camp operational	RC_DDH	143.55	RRR	143.55	
Mar 12, 2011	408216124	The North West Co. Inc.	Camp operational	RC_DDH	25.98	RRR	25.98	
Mar 14, 2011	408216161	The North West Co. Inc.	Camp operational	RC_DDH	355.71	RRR	355.71	
Mar 17, 2011	gen jnl	Acccrue North Star Air inv. #13593	Camp operational	RC_DDH	2,417.20	RRR	2,417.20	
Mar 17, 2011	408216598	The North West Co. Inc.	Camp operational	RC_DDH	183.87	RRR	183.87	
Mar 18, 2011	E755328	ALS Canada Ltd.	Camp operational	RC_DDH	53.86	RRR	53.86	

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Mar 18, 2011	Feb 28/11 stmt	Johnny's Fresh Market	Camp operational	RC_DDH	12,214.94	RRR	12,214.94	
Mar 19, 2011	408216879	The North West Co. Inc.	Camp operational	RC_DDH	158.40	RRR	158.40	
Mar 19, 2011	408217002	The North West Co. Inc.	Camp operational	RC_DDH	146.85	RRR	146.85	
Mar 19, 2011	408217034	The North West Co. Inc.	Camp operational	RC_DDH	4.99	RRR	4.99	
Mar 21, 2011	107236	Graham Energy Limited	Camp operational	RC_DDH	1,805.52	RRR	1,805.52	
Mar 21, 2011	408217236	The North West Co. Inc.	Camp operational	RC_DDH	123.75	RRR	123.75	
Mar 21, 2011	408217231	The North West Co. Inc.	Camp operational	RC_DDH	14.19	RRR	14.19	
Mar 22, 2011	t/s Mar 6-19/11	George Sakanee	Camp operational	RC_DDH	1,300.00	RRR	1,300.00	
Mar 22, 2011	t/s Mar 6-19/11	Leo Moonias	Camp operational	RC_DDH	(711.89)	RRR	(711.89)	
Mar 22, 2011	13618	North Star Air Ltd.	Camp operational	RC_DDH	264,389.03	RRR	264,389.03	
Mar 22, 2011	t/s Mar 6-19/11	Leo Moonias	Payroll-FN	RC_DDH	3,475.00	RRR	3,475.00	
Mar 22, 2011	t/s Mar 6-19/11	George Sakanee	Payroll-FN	RC_DDH	3,475.00	RRR	3,475.00	
Mar 22, 2011	T/S Mar 6-19, 2011	Gordon Sakanee	Payroll-FN	RC_DDH	2,160.00	RRR	2,160.00	
Mar 23, 2011	Mar 27, 2011 Exp	Corporate BMO Mastercard - Office supplies	Camp/Field office Costs	RC_DDH	179.80	RRR	179.80	
Mar 31, 2011	gen jnl	Accrue North Star Air invoice #13567	Camp operational	RC_DDH	33,782.00	RRR	33,782.00	
Aug 25, 2011	363-D-11	Outland Inc.	Payroll-RRR	RC_DDH	3,400.00	RRR	3,400.00	
							608,067.25	208,870.04

total \$ 816,937.29

\$ 408,468.64 to RC phase 2 \$ 408,468.64 to 2010/11 DD
Shared Helicopter Costs

Date	Num	Name N	lemo	Code	Amount	Company G	100% of cost	50% of cost
Nov 01, 2010	3829	Forest Helicopters	Inc.	RC_DDH	71,974.82	RRR		71,974.82
Jan 28, 2011	3846	Forest Helicopters	Inc.	RC_DDH	62,235.25	RRR		62,235.25
Jan 28, 2011	3847	Forest Helicopters	Inc.	RC_DDH	3,173.05	RRR		3,173.05
Nov 24, 2010	3830	Forest Helicopters	Inc.	RC_DDH	3,645.03	RRR		3,645.03
Nov 24, 2010	3819	Forest Helicopters	Inc.	RC_DDH	49,077.25	RRR		49,077.25
Nov 25, 2010	3821	Forest Helicopters	Inc.	RC_DDH	130,824.00	RRR		130,824.00
Nov 25, 2010	3822	Forest Helicopters	Inc.	RC_DDH	10,038.07	RRR		10,038.07
Dec 31, 2010	3844	Forest Helicopters	Inc.	RC_DDH	9,110.32	RRR		9,110.32
Dec 31, 2010	3843	Forest Helicopters	Inc.	RC_DDH	167,917.95	RRR		167,917.95
Feb 28, 2011	3868	Forest Helicopters	Inc.	RC_DDH	7,482.52	RRR	7,482.52	507,995.74
Feb 28, 2011	3867	Forest Helicopters	Inc.	RC_DDH	146,758.75	RRR	146,758.75	
Mar 24, 2011	3887	Forest Helicopters	Inc.	RC_DDH	4,247.74	RRR	4,247.74	
Mar 24, 2011	3886	Forest Helicopters	Inc.	RC_DDH	81,295.75	RRR	81,295.75	
Apr 08, 2011	3902	Forest Helicopters	Inc.	RC_DDH	1,941.84	RRR	1,941.84	
Apr 07, 2011	3901	Forest Helicopters	Inc.	RC_DDH	40,342.26	RRR	40,342.26	
							282,068.86	253,997.87

total

\$ 536,066.73

\$ 268,033.37 to RC pahse 2 \$ 268,033.37 to 2010/11 DD

Shared Fixed Wing Costs

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Nov 08, 2010	12648	North Star Air Ltd.	Fixed Wing	RC_DDH	7,000.00	RRR		7,000.00
Nov 13, 2010	IN187674	Wasaya Airways LP	Fixed Wing	RC_DDH	504.00	RRR		504.00
Nov 15, 2010	IN187948	Wasaya Airways LP	Fixed Wing	RC_DDH	25.00	RRR		25.00
Nov 17, 2010	12661	North Star Air Ltd.	Fixed Wing	RC_DDH	46,084.63	RRR		46,084.63
Nov 22, 2010	IN188651	Wasaya Airways LP	Fixed Wing	RC_DDH	90.00	RRR		90.00
Nov 24, 2010	IN188793	Wasaya Airways LP	Fixed Wing	RC_DDH	264.00	RRR		264.00
Nov 30, 2010	12777	North Star Air Ltd.	Fixed Wing	RC_DDH	7,700.00	RRR		7,700.00
Nov 30, 2010	12829	North Star Air Ltd.	Fixed Wing	RC_DDH	900.00	RRR		900.00
Nov 30, 2010	12847	North Star Air Ltd.	Fixed Wing	RC_DDH	7,779.20	RRR		7,779.20
Nov 30, 2010	12830	North Star Air Ltd.	Fixed Wing	RC_DDH	1,549.16	RRR		1,549.16
Nov 30, 2010	12873	North Star Air Ltd.	Fixed Wing	RC_DDH	1,001.70	RRR		1,001.70
Nov 30, 2010	Nov. 10-stmt	Nakina Air Service Ltd.	Air Travel	RC_DDH	18,505.83	RRR		18,505.83
Dec 05, 2010	C16022	Nakina Air Service Ltd.	Air Travel	RC_DDH	2,056.20	RRR		2,056.20
Dec 10, 2010	C16274	Nakina Air Service Ltd.	Air Travel	RC_DDH	1,028.10	RRR		1,028.10
Dec 16, 2010	12886	North Star Air Ltd.	Fixed Wing	RC_DDH	15,960.00	RRR		15,960.00
Dec 16, 2010	12886	North Star Air Ltd.	Fixed Wing	RC_DDH	9,201.77	RRR		9,201.77
Dec 18, 2010	C16283	Nakina Air Service Ltd.	Air Travel	RC_DDH	2,056.20	RRR		2,056.20
Dec 18, 2010	C16284	Nakina Air Service Ltd.	Air Travel	RC_DDH	1,028.10	RRR		1,028.10
Jan 01, 2011	B64498	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	219.24	RRR		219.24
Jan 01, 2011	C16273	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	1,028.10	RRR		1,028.10
Jan 01, 2011	C23045	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,056.20	RRR		2,056.20
Jan 01, 2011	C16282	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	1,028.10	RRR		1,028.10
Jan 01, 2011	C23047	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	1,028.10	RRR		1,028.10
Jan 01, 2011	C23049	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,056.20	RRR		2,056.20
Jan 01, 2011	14956479	Manitoulin Transport	Fixed Wing	RC_DDH	302.99	RRR		302.99
Jan 01, 2011	14653526	Manitoulin Transport	Fixed Wing	RC_DDH	186.06	RRR		186.06
Jan 01, 2011	142622684	Manitoulin Transport	Fixed Wing	RC_DDH	296.51	RRR		296.51
Jan 01, 2011	15376507	Manitoulin Transport	Fixed Wing	RC_DDH	261.10	RRR		261.10
Jan 01, 2011	13030	North Star Air Ltd.	Fixed Wing	RC_DDH	1,596.00	RRR		1,596.00
Jan 12, 2011	C16305	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,753.00	RRR		2,753.00
Jan 12, 2011	C16309	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,722.50	RRR		2,722.50
Jan 12, 2011	35367	Nakina Air Service Ltd.	Air Travel	RC_DDH	209.55	RRR		209.55
Jan 12, 2011	35368	Nakina Air Service Ltd.	Air Travel	RC_DDH	209.55	RRR		209.55

Date	Num	Name	Memo	Code	Amount	Company GL	100% of cost	50% of cost
Jan 12, 2011	35369	Nakina Air Service Ltd.	Air Travel	RC_DDH	209.55	RRR		209.55
Jan 12, 2011	B69326	Nakina Air Service Ltd.	Air Travel	RC_DDH	897.84	RRR		897.84
Jan 17, 2011	13112	North Star Air Ltd.	Fixed Wing	RC_DDH	25,536.00	RRR		25,536.00
Jan 18, 2011	C16310	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,753.00	RRR		2,753.00
Jan 27, 2011	13245	North Star Air Ltd.	Fixed Wing	RC_DDH	4,571.00	RRR		4,571.00
Jan 31, 2011	13185	North Star Air Ltd.	Fixed Wing	RC_DDH	22,468.80	RRR		22,468.80
Jan 31, 2011	BF-52678	Bradley Brothers Limited	Air Travel	RC_DDH	7,415.94	RRR		7,415.94
Feb 01, 2011	IN194511	Wasaya Airways LP	Air Travel	RC_DDH	1,050.00	RRR		1,050.00
Feb 02, 2011	IN191567	Wasaya Airways LP	Air Travel	RC_DDH	50.00	RRR		50.00
Feb 04, 2011	C23100	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,722.51	RRR		2,722.51
Feb 04, 2011	C23105	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,753.03	RRR		2,753.03
Feb 04, 2011	C23118	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,753.03	RRR		2,753.03
Feb 14, 2011	IN195312	Wasaya Airways LP	Air Travel	RC_DDH	2,326.00	RRR		2,326.00
Feb 17, 2011	WT010131	Wasaya Airways LP	Air Travel	RC_DDH	3,085.35	RRR		3,085.35
Feb 17, 2011	CN182005-1	Wasaya Airways LP	Air Travel	RC_DDH	1,046.00	RRR		1,046.00
Feb 18, 2011	C23133	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,753.03	RRR		2,753.03
Feb 25, 2011	103022	Nakina Air Service Ltd.	Air Travel	RC_DDH	209.55	RRR	209.55	221,078.17
Feb 25, 2011	103023	Nakina Air Service Ltd.	Air Travel	RC_DDH	209.55	RRR	209.55	
Mar 09, 2011	13520	North Star Air Ltd.	Fixed Wing	RC_DDH	14,186.00	RRR	14,186.00	
Mar 11, 2011	C23307	Nakina Air Service Ltd.	Fixed Wing	RC_DDH	2,753.00	RRR	2,753.00	
Mar 22, 2011	13618	North Star Air Ltd.	Fixed Wing	RC_DDH	142,500.00	RRR	142,500.00	
							159,858.10	110,539.09

total

\$ 270,397.19

\$ 135,198.59 to RC Phase 2

\$ 135,198.59 to 2010/11 DD





HOLES PLOTTED TOTAL 2 TPK-10-008 TPK-10-009
RAINYRIVER
OGRAPHY - DTM BigDamArea 09-028.GRD tural Ticks No data proted AZ
GRAPHS L/R COL R
K CODESPATLABELDESCRIPTIONKTYPEAPLAplite DykeCASCasingFDFelsic DikeQMONQuartz MonzoniteSHRShearVQTZQuartz Vein
TED TEXT L/R TEXT ITEMS ation L All TON SPECS: . E, N 441965 m 5813700 m 'S 546.4 m 382.1 m N TOP, BOT 266.5 m -115.6 m .NCE +/- 25 m
SCALE_1 : 2000
inv River Poseuroes
IPK Property
Section 10+00E
Section 19+00E



TOP Struc DIP /

Au

POSTED TEXT L/R TEXT ITEMS Alteration 1 ----- All SECTION SPECS: REF. PT. E, N 442048 m 5813510 m EXTENTS 546.4 m 382.1 m SECTION TOP, BOT 266.5 m -115.6 m TOLERANCE +/-25 m

HOLES PLOTTED

TOTAL 1

TPK-10-007



OGRAPHY	
– DTM BigDamArea, 09-028.GRI stural Ticks No data plotted / AZ	כ





Rainy River Resources TPK Property 2010-2011 Diamond Drilling Section 20+00E



HOLES PLOTTED TOTAL 2 TPK-11-021 TPK-11-022
RAINYRIVER
OGRAPHY - DTM BigDamArea, 09-028.GRD tural Ticks No data protted AZ
GRAPHS L/R COL R
K CODES PAT LABEL DESCRIPTION KTYPE APL Aplite Dyke CAS Casing QMON Quartz Monzonite SHR Shear VQTZ Quartz Vein
TED TEXT L/R TEXT ITEMS ation L All TON SPECS: . E, N 442098 m 5813460 m 'S 546.4 m 382.1 m N TOP, BOT 266.5 m -115.6 m .NCE +/- 25 m
SCALE_(m) : 2000
inv River Resources
TPK Property
0-2011 Diamond Drilling
Section 20+50E



TOPC Struct

DIP /

BAR Au

ROC ROCK

POST Altera SECTI REF. PT. EXTENT SECTION TOLERAN -20

HOLES PLOTTED

TOTAL 1

TPK-10-006



DGRAPH Tural Ticks AZ	Y BigDamAr No data	ea, 09-0; a p l otted	28.GRD	
GRAPHS	L/R R	COL		
K CODES KTYPE	6 PAT	LABEL APL CAS QMON SHR	DESCR Aplite D Casing Quartz Shear	RIPTION Dyke Monzonite
TED TEX ation ION S E, N S N TOP, BO NCE +/-	T L/R L 442148 546.4 DT 266.5 25	TEXT 	ITEMS All 90 m 2.1 m 5.6 m	
S	SCALE	1 : 2	000	
-20 0	20	40	60	80

Rainy River Resources **TPK Property** 2010-2011 Diamond Drilling Section 21+00E

NAD83 / UTM zone 16N



	1
HOLES PLOTTED TOTAL 6	
0 TPK-10-011 TPK-12-025 TPK-12-030 3 TPK-12-034	
RAINYRIVER	
DGRAPHY DTM BigDamArea 09-028.GRD tural Licks No data plotted AZ	
GRAPHS L/R COL	
K CODES PAT LABEL DESCRIPTION KTYPE APL Aplite Dyke CAS Casing GABB Gabbro MD Mafic Dike QMON Quartz Monzonite SCHS Sericite Schist SHR Shear VQTZ Quartz Vein	
TED TEXT L/R TEXT ITEMS ation L All ION SPECS: . E, N 442173 m 5812220 m S 546.4 m 382.1 m N TOP, BOT 266.5 m -115.6 m NCE +/- 25 m	
SCALE 1 : 2000 (m) -20 0 20 40 60 80	
NAD83 / UTM zone 16N	
INY RIVER Resources	
1 PK Property	
loles TPK-10-10 & 11	



TOTAL 8
001 TPK-10-002 TPK-10-002A 005 TPK-11-005 TPK-11-016 017 TPK-11-018
APHY FM_BigDamArea, 09-028.GRD Ticks No data protted
R R
DES PAT LABEL DESCRIPTION PE APL Aplite Dyke CAS Casing FLTG Fault Gouge (Open) FRZ Fracture Zone LABEL QFP QMON Quartz Feldspar Porphyry SHR Shear VQC Qtz-Carb Vein VQTZ Quartz Vein
TEXT L/R TEXT ITEMS L All
E, N 442244 m 5813520 m 5 546.4 m 382.1 m
I TOP, BOT 266.5 m -115.6 m NCE +/- 32.5 m
SCALE 1 : 2000
ny River Resources
TPK Property
0-2011 Diamond Drilling
Section 22+00E



HOLES PLOTTED
TOTAL 6
3 TPK-10-004 TPK-11-013 TPK-11-014 5 TPK-11-019
RAINYRIVER
GRAPHY
DTM_BigDamArea, 09-028.GRD ural licks No data plotted
AZ
GRAPHS L/R COL R
CODES PAT LABEL DESCRIPTION APL Aplite Dyke CAS Casing FD Felsic Dike FRZ Fracture Zone MD Mafic Dike QMON Quartz Monzonite SCHS Sericite Schist SHR Shear TON Tonalite VQC Qtz-Carb Vein VQTZ Quartz Vein
ED TEXT L/R TEXT ITEMS tion L All TION SPECS: . E, N 442304 m 5813440 m S 546.4 m 382.1 m N TOP, BOT 266.5 m -115.6 m NCE +/- 25 m
SCALE 1 : 2000 (m) -20 0 20 40 60 80 NAD83 / UTM zone 16N
iny River Resources
TPK Property
0-2011 Diamond Drilling
Section 22+75E







DRILL HOLE REPORT

Hole Number	Number TPK-10-001					t: TPK I	ROWLANDSON LAKE					Project Number	: 001
Drilling		Casing			Core				Location			Other	
Azimuth:	360	Length:		0	Dimension:	BQ			Township:	WAPITOTE	N	Logged by:	Sarah Miller
Dip:	-45	Pulled:	no		Storage:	ROWLAN	DS		Claim No.:			Relog by:	
Length:	228.83	Capped:	no		Section:				NTS:	43D/05		Contractor:	BRADLEY BROTHERS
Started:	21-Oct-10	Cemented:			Hole Type	DD			Hole:	SURFACE		Spotted by:	
Completed:	26-Oct-10											Surveyed:	
Logged:	26-Oct-12											Surveyed by:	
Comment:	Test up-ice of RC hole TPKRC1	10-112 with a st	rong gold an	d arsenic anomaly	(460 Au & 1 50)) aspy	Coordinate - Gemcom		Coordinate - UI	гм		Geophysics:	
	grains in 9.5kg table feed samp "404 ppb Au INAA and 0.099 g/	pedrock gold as f a strong IP	say,	East:	0	East:	442246		Geophysic Contractor:				
	chargeability anomaly. A shear zone is infered to cross this area in an East-Southes structures is expected to be southward based on outcrops nearby.						North:	0	North:	5813426		Left in hole:	
	Meter blocks off for most of hole						Elev.:	0	Elev.:	256.4		Making water:	
									Zone: 16N	NAD:	NAD83	Multi shot surv	yey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -45.00
 C
 ✓



Hole Number TPK-10-001				Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	То (т)			Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.50	CAS	Casing											

10.50 17.80 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown albitite dykes and cm scale shears. Rare 3.0 - 5.0 cm black, vfg xenolith, occasional biotite/chlor/carb filled microfractures, patchy trace fg diss py

17.80 18.03 QFP Quartz Feldspar Porphyry

dark grey in colour, aphanitic, hard, tr diss py, rare feldspar pheno, weak hematite alt feldspar, rare carb filled micro-fractures, LC sharp and fractured at 52TCA

 18.03
 34.54
 QMON
 Quartz Monzonite

Medium to light grey speckled black



Hole Number TPK-10-001			Project:	TPK ROWLANDSON LAKE					Project Number:	001					
From (m)		То (т)	Lithology		s	Sample #	From	То	Length	Ag (ppm	Ag) (%	1 2 A	Agol (%)	Au (g/t)	Au2 (g/t)

34.54 34.62 QMON Quartz Monzonite

moderately mylonitized qtz monzonite, dk grey-black; several mm anastamosing shear lamelae surrounding rounded felspar grains, sheared 90-105TCA, 2% fg aspy

34.62	50.45	QMON	Quartz Monzonite
		Medium to li	ght grey speckled black

50.45 50.60 APL Aplite Dike

med reddish brown, vhard, aphanitic, sharp contacts, UC 25TCA, LC 12TCA



Hole Number	Hole Number TPK-10-001				Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)			Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
50.60	69.13	QMON Medium to I	Quartz Monzonite											

69.13 69.75 APL Aplite Dike

med reddish brown, massive, vhard, fg, sugary texture, sharp contacts, UC 20TCA, LC 25TCA

69.75 70.16 QMON Quartz Monzonite Medium to light grey speckled black.

70.16 70.25 SHR Shear weakly mylonitized qtz monzonite, trace fg diss py, sheared 65TCA; UC 70, LC 60



Hole Number TPK-10-001				Project:	TPK ROWLANDSON LAKE					Project Number	00	1				
From (m)	То (т)			Lithology		Sa	Sample #	From	То	Length	Ag (ppr	A)) (g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)
70.25	75.48	QMON	Quartz Monzonite													

Medium to light grey speckled black

75.48 76.30 APL Aplite Dike

76.30 84.48 **QMON** *Quartz Monzonite* Medium to light grey speckled black

84.48 84.65 APL Aplite Dike medium brown, hard with 3.0 cm diffuse gradational contacts



Hole Number	le Number TPK-10-001			Project:	TPK ROWLANDSON LAKE					Project Number:	001				
From (m)	(To (m)		Lithology			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

84.65 92.78 QMON Quartz Monzonite Medium to light grey speckled black

92.78 92.83 SHR Shear weakly mylonitized qtz monzonite, trace fg diss py, sheared 65-70TCA; UC 70, LC 90

92.83 104.12 **QMON** *Quartz Monzonite* Medium to light grey speckled black.

104.12 112.04 SHR Shear

sheared qtz monzonite, black, moderately mylonitized/sheared,1% fg aspy with trace fg diss py, sheared 90TCA; UC 90TCA, LC 90TCA



Hole Number	Number TPK-10-001			TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

112.04	119.98	QMON	Quartz Monzonite
		Medium to li	ght grey speckled black.

110 00	120.07	CUD	Chaor
119.90	120.07	эпк	Snear

sheared qtz monzonite, black, moderately mylonitized/sheared, trace fg aspy with trace fg diss py, sheared 90TCA; small 5mm qtz veinlett following foliation in middle of shear, UC 90TCA, LC 90TCA

120.07 122.04 **QMON** *Quartz Monzonite*

Medium to light grey speckled black.



Hole Number	le Number TPK-10-001					TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)			Lithology			Sample #	From	То	Length	Ag (ppr	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
122.04	122.07	SHR very small sheared a	Shear 3cm wide shear same t 90TCA	as above shears, UC/LC 90TCA	, trace fg py +/- asp	y, moderately									

122.07 130.43 **QMON** *Quartz Monzonite* Medium to light grey speckled black.

130.43 130.80 SHR Shear

weakly sheared qtz monzonite, black, weakly sheared with few wispy biotite from 130.43-130.72m, shear increases at 130.72m, trace fg aspy with trace fg diss py mostly associated with moderately sheared section but found in weakly sheared, sheared 80-85TCA; small 1cm qtz veinlett following foliation near LC, trace fg aspy and py within qtz veinlett, UC 90TCA, LC 90TCA

130.80 137.92 **QMON** *Quartz Monzonite* Medium to light grey speckled black.



Hole Number	mber TPK-10-001			TPK ROWLANDSON LAKE					Project Num	ber:	001			
From (m)	То (т)	Lithology			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

137.92 137.97 SHR Shear

very small 5cm wide shear same as above shears, UC/LC 90TCA, trace fg py +/- aspy, moderately sheared at 90TCA

137.97	145.94	QMON	Quartz Monzonite
		Medium to I	ight grey speckled black.

145.94	146.00	SHR	Shear	
		sheared qtz r UC 90TCA, L	ionzonite, black, moderately mylonitized/sheared 90TCA, trace fg aspy with trace fg diss p C 90TCA	уy,



Hole Number TPK-10-001					Project:	TPK ROWLANDSON LAKE					Project Number:	Project Number: 001						
From (m)	To (m)			Lithology		٤	Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)			
146.00	151.20	QMON	Quartz Monzonite															
		Medium to	light grey speckled black.															

151.20 151.26 **VQTZ**

VQTZ Quartz Vein White, glassy qtz, moderate carb alt, weak hematite staining, moderate biotite, trace fg diss py, fractured, UC 85, LC 70TCA

151.26 154.13 **QMON** *Quartz Monzonite* Medium to light grey speckled black.

154.13 154.26 SHR Shear

sheared qtz monzonite, black, moderately mylonitized/sheared 70TCA, trace fg diss py, qtz flooding/veinlett at LC approx 1cm wide with hematite alt, UC 80TCA, LC 70TCA



Hole Number	TPK-10-001		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

154.26 158.96 QMON Quartz Monzonite Medium to light grey speckled black.

158.96	159.10	APL	Aplite Dike
		pinkish br	rown, massive, vhard, fg, sugary texture, sharp contact UC 75TCA, LC gradational, trace fg diss
		Ру	

159.10 165.35 **QMON** *Quartz Monzonite* Medium to light grey speckled black.

165.35 165.64 SHR Shear

qtz monzonite, moderately sheared 65TCA, moderate black biotite wisps, intensity of shearing decreases



Hole Number	TPK-10-001	Project: TPK ROWLANDSON	I LAKE				Project Number: 001						
From (m)	То (т)	<i>Lithology</i> downhole, trace fg diss py with very trace aspy, UC 65TCA, LC 80TCA, 3 irreg qtz/carb stringers crosscutting foliation near LC	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)		

165.64 186.58 **QMON** *Quartz Monzonite* Medium to light grey speckled black.

186.58 186.77 SHR Shear

qtz monzonite, moderately sheared 65TCA, moderate black biotite wisps, 1% fg diss and cubic py with trace fg aspy, contacts 90TCA, qtz/carb stringers at UC contain 1% fg diss and cubic py and weak chlor alt, stringers are also at 90TCA, irreg qtz stringers near LC

186.77 200.30 QMON Quartz Monzonite Medium to light grey speckled black.



Hole Number TPK-10-001				Project:	TPK ROWLANDSON LAKE				Project Number	: 0	01			
From (m)		To (m)	Lithology		Sample #	From	То	Length	A 9 (pp] m)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

200.30 200.45 SHR Shear

qtz monzonite, moderately sheared 65TCA, moderate black biotite wisps, 1% fg diss py with trace fg aspy, UC 80TCA, LC 90TCA, irreg qtz stringers/flooding at both contacts, stringers near UC crosscutting foliation, stringers at LC follow foliation, weak albite alt near LC

200.45 214.47 QMON Quartz Monzonite Medium to light grey speckled black.

214.47 214.58 SHR Shear

qtz monzonite, weak to moderately sheared 65TCA, moderate black biotite wisps, 1% fg diss py with trace fg aspy, UC 80TCA, LC 70TCA



Hole Number TPK-10-001					TPK ROWLANDSON LAKE					Project Numbe	r: 0	01			
From (m)	To (m)		Lithology			Sample #	From	То	Length	A (pp	g m)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Medium to light grey speckled black.													

227.11 227.17 SHR Shear

qtz monzonite, weak to moderately sheared 80TCA, moderate black biotite wisps crosscut by qtz/carb stringers, 1% fg diss py with trace fg aspy, contacts 90TCA

227.17 228.63 QMON Quartz Monzonite Medium to light grey speckled black.

228.63 228.73 SHR Shear

qtz monzonite, weakly sheared 65TCA, few black biotite wisps, trace fg diss py, contacts 65TCA



Hole Number TPK-10-001					Project:	TPK ROWLANDSON LAKE					Project Number	00	1			
From (m)	То (т)			Lithology		Sam	mple #	From	То	Length	Ag (ppr	ב ב ו ו) (ו	\g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
228.73	228.83	QMON	Quartz Monzonite													

Medium to light grey speckled black.



DRILL HOLE REPORT

Hole Number 1	lole Number TPK-10-002					ROWLANDSON LAKE		Project Number	°: 001			
Drilling		Casing		Core				Location			Other	
Azimuth:	360	Length:	0	Dimension:	BQ			Township:			Logged by:	Sarah Miller
Dip:	-60	Pulled:		Storage:	ROWLAN	DS		Claim No.:			Relog by:	
Length:	36	Capped:		Section:				NTS:	43D/05		Contractor:	BRADLEY BROTHERS
Started:	26-Oct-10	Cemented:		Hole Type	DD			Hole:	SURFACE		Spotted by:	
Completed:	27-Oct-10										Surveyed:	
Logged:	27-Oct-10										Surveyed by:	
Comment:	Test up-ice of RC hole TPK	RC10-112 with a strong of	old and arsenic anor	naly (446 Au & 1 500	asov	Coordinate - Gemcom		Coordinate - L	тм		Geophysics:	
	grains in 8.4 kg table feed s "404 ppb Au INAA and 0.09	sample) in till on top of be 99 g/t Au FAA". This anom	drock plus an anoma aly is located down i	ous bedrock gold as ce of a strong IP	Say,	East:	0	East:	442246	i	Geophysic Contractor:	
	structures is expected to be	southward based on out	crops nearby.	st-Southest direction.	DIP OI	North:	0	North:	5813426	i	Left in hole:	
	Off same set up at TPK-10-	001, drillers lost return ar	d had to restart hole	at 19m. Hole continu	es to	Elev.:	0	Elev.:	256	;	Making water:	
	11 IC-10-002A							Zone: 16N	NAD:	NAD83	Multi shot surv	/ey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -60.00
 C
 ✓



Hole Number TPK-10-002					Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)			Lithology		Sample	•#	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.00	CAS Overburg	<i>Casing</i> den, no recovery												

10.00 36.00 **QMON** *Quartz Monzonite*

Hemaite alt qtz monzonite, very blocky core, pink to brick red with speckles of black and white, patchy moderate to strong hematite alt, intense hematite alt along healed fractures, very similar to top of hole CAN-10-064 off same set up but more hematized, massive, few rare white variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. Drillers lost return and had to restart hole at 19m.



DRILL HOLE REPORT

Hole Number 1	ble Number TPK-10-02A					ROWLANDSON LAKE		Project Number: 001				
Drilling		Casing		Core				Location			Other	
Azimuth:	360	Length:	0	Dimension:	BQ			Township:	WAPITOT	EM	Logged by:	Sarah Miller
Dip:	-61	Pulled:		Storage:	ROWLAN	DS		Claim No.:			Relog by:	
Length:	194.8	Capped:		Section:				NTS:	43D/05		Contractor:	
Started:	27-Oct-10	Cemented:		Hole Type	DD			Hole:	SURFACE		Spotted by:	
Completed:	29-Oct-10										Surveyed:	
Logged:	29-Oct-10										Surveyed by:	
Comment:	"Test up-ice of RC hole TPKR	C10-112 with a strong gold a	nd arsenic anomaly	/ (446 Au & 1.50	0 aspv	Coordinate - Gemcom		Coordinate - UT	м		Geophysics:	
	grains in 8.4 kg table feed sam ""404 ppb Au INAA and 0.099	ple) in till on top of bedrock p g/t Au FAA"". This anomaly is	blus an anomalous located down ice	bedrock gold as of a strong IP	ssay,	East:	0	East:	442240	6	Geophysic Contractor:	
	chargeability anomaly. A shea structures is expected to be so	r zone is infered to cross this outpward based on outcrops	area in an East-So nearby	outhest direction	. Dip of	North:	0	North:	581342	6	Left in hole:	
	Off same set up at TPK-10-00	1"	licensy:			Elev.:	0	Elev.:	25	6	Making water:	
								Zone: 16N	NAD:	NAD83	Multi shot surv	vey:

Deviation Tests

DistanceAzimuthDipTypeGoodComments0.00360.00-61.00C



Hole Number TPK-10-02A				Project: TPK ROWLANDSON LAKE					Project Number: 001					
From (m)	To (m)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)	
0.00	19.00	CAS	Casing											

Drillers lost return at 36m on hole CAN-10-065. Hole was restarted at 19m.

19.00 24.75 QMON Quartz Monzonite

Brick red spotted black and white, moderate to strong hematite alt, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals as seen in CAN-10-064, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core throughout hole suggest drilling along fault zone.

24.75 24.95 SHR Shear

Sheared qtz monzonite, red and black, moderate hematite alt, moderate mm-scale anastamosing biotite shear lamelae, sheared 75TCA, trace fg diss py, few specks of moly near margins of very small qtz stringer, fractured blocky core, UC fractured, LC 50TCA

24.95 44.58 QMON Quartz Monzonite

Brick red spotted black and white, moderate to strong hematite alt, massive, less than 5% qtz, mostly



Hole Number	TPK-10-02	A Project: TPK ROWLANI	Project: TPK ROWLANDSON LAKE					Project Number: 001					
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)		
	biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals as seen in CAN-10-064, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core throughout hole suggest drilling along fault zone.												

44.58 44.73 APL Aplite Dike

brick red, aphanitic, mostly fractured with contacts intacted, strong hematite alt, sharp contacts at 45TCA

44.73 59.70 QMON Quartz Monzonite

Brick red spotted black and white, moderate to strong hematite alt, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals as seen in CAN-10-064, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core throughout hole suggest drilling along fault zone.

59.70 65.50 FLTG Fault Gouge (Open)

Fault zone, shearing/fracturing parallel to core axis, brecciated qtz within fault, very blocky, dk green/grey,



Hole Number TPK-10-02A F			Project: TPK ROWLANDSON LAKE					Project Number: 001				
From (m)	To (m)	Lithology	Samp	iple #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		mostly fault gouge but could have been mafic volcanic before deformation, patchy her fg diss py, UC 30TCA, LC 20TCA	natite alt, very trace									

65.50 111.86 **QMON** *Quartz Monzonite*

same as above strong hematized qtz monzonite, brick red spotted black and white, moderate to strong hematite alt, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core.

111.86 112.20 FLTG Fault Gouge (Open)

Dk green/grey, mud/fault gouge, fractured more solid chunks could be mafic volcanics

112.20 113.20 QMON Quartz Monzonite

very fractured qtz monzonite, strong hematite alt, trace fg diss py, LC sharp 50TCA



Hole Number TPK-10-02A			Project: TPK ROWLANDSON LAKE						Project Number: 001					
From (m)		To (m)	Lithology			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

113.20 113.70 VQTZ Quartz Vein

Qtz vn, white, 2 qtz stringers approx 3cm wide with highly fractured mafic flow/fault gouge, qtz is weakly cabr and hemaite alt, with hairline sericite seams, no visable sulphides, host rock is hard, dark green and contains carb filled microfractures. very fractured LC.

113.70 114.14 QMON Quartz Monzonite

hematized qtz monzonite same as above, contact following core axis

114.14 115.88 VQTZ Quartz Vein

Qtz vn, white qtz, sericite and chlor within fractures, weak hematite, blocky sections, mostly qtz with a few sections of fault gouge/mafic volcanic, weak carb and ankerite alt, very trace fg diss py spotted, LC very fractured.



Hole Number TPK-10-02A				Project:	Project: TPK ROWLANDSON LAKE					Project Number:	Project Number: 001					
From (m)	То (т)			Lithology			Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)	
115.88	116.50	QMON	Quartz Monzonite													

same as above hematized qtz monzonite, sharp 30TCA, no visable sulphides

116.50 119.75 VQTZ Quartz Vein

White qtz, not as fractured as above qtz vn, moderate hematite alt, moderate sericite seams/fracture healed, moderate carb alt, weak ankerite alt, very weak epidote alt along fractures, small 30cm section at 118m of mafic vol/fit gouge, rubble from 118.8 to 119.75m, trace fg diss py, LC fractured

119.75 127.30 **QMON** *Quartz Monzonite*

same as above strongly hematized qtz monzonite, brick red spotted black and white, moderate to strong hematite alt, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core, cross cut by hematized apalite dyke.



Hole Number TPK-10-02A		Project:	Project: TPK ROWLANDSON LAKE					Project Number: 001					
From (m)	То (т)	<i>Lithology</i> 1cm wide qtz/carb veinlett running 20TCA, weak chlor alt within fracture that divides mineralized	the veinlett in half, not	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)	

127.60 137.00 QMON Quartz Monzonite

same as above strongly hematized qtz monzonite, brick red spotted black and white, moderate to strong hematite alt, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core, cross cut by hematized apalite dyke.

137.00 139.70 APL Aplite Dike

pink, aphanitic, hematized apalite dyke, contacts fractured, could possibly be a section of qtz monzonite that has been intensely hematized, looks brecciated near LC, several crosscutting chlorite filled microfractures, no visable sulphides

139.70 171.00 **QMON** *Quartz Monzonite*

same as above strongly hematized qtz monzonite, brick red spotted black and white, moderate to strong


Hole Numbe	r TPK-10-02/	A Project: TPK ROWLANDSON LAK	KE				Project Number: 001				
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		hematite alt, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, very block core, cross cut by hematized apalite dyke.									

171.00 175.10 QMON Quartz Monzonite

spotted black and white, very weak hematite alt along fractures, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, crosscut by one small intermed dyke, core not blocky.

175.10 175.20 APL Aplite Dike

Intermed dyke, dk grey, fg, massive, sharp contacts at 80TCA

175.20 188.64

spotted black and white, very weak hematite alt along fractures, massive, less than 5% qtz, mostly biotite



Hole Number	TPK-10-02A	Project:	Project: TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	To (m)	Lithology	Samp	ple #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorph occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and he fractures with epidote/chlor/hematite alt, patchy trace fg diss py, crosscut by one small i not blocky.	hous crystals, lealed micro intermed dyke, core									

188.64 188.80 SHR Shear sheared qtz monzonite, black biotite shear lamelea 80TCA, small carb stringer, trace fg diss py, contacts 80TCA

188.80 194.80 **QMON** *Quartz Monzonite*

spotted black and white, very weak hematite alt along fractures, massive, less than 5% qtz, mostly biotite and feldspar, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals, occasional black/dk green xenoliths up to 2cm wide and irreg shapped, few open and healed micro fractures with epidote/chlor/hematite alt, patchy trace fg diss py, crosscut by one small intermed dyke, core not blocky. Missing core box 35: 189-194.75m



DRILL HOLE REPORT

Hole Number	ГРК-10-003			Project: TPK ROWLANDSON LAKE						Project Number: 001		
Drilling		Casing		Core			Location			Other		
Azimuth:	360	Length:	0	Dimension:			Township:	WAPITOTE	М	Logged by:	Sarah Miller	
Dip:	-50	Pulled:		Storage: ROW	LANDS		Claim No.:			Relog by:		
Length:	222	Capped:		Section:			NTS:	43D/05		Contractor:		
Started:	29-Oct-10	Cemented:		Hole Type			Hole:			Spotted by:		
Completed:	03-Nov-10									Surveyed:		
Logged:	31-Oct-10									Surveyed by:		
Comment:	"Test un-ice of RC hole TP	KRC10-113 with a weak	old and arsenic anom	alv (24 Au & 500 aspy	Coordinate - Gemcom		Coordinate - UT	м		Geophysics:		
	grains in 3.8 kg table feed s ""304 ppb Au INAA and 0.1	sample) in till on top of be 50 g/t Au FAA"". A shear	drock plus an anomalo zone is infered to cros	bus bedrock gold assay, as this area in an East-	East:	0	East:	442296		Geophysic Contractor:		
	Southest direction. Dip of s	tructures based from nea	rby outcrops is infered	to be southward	North:	0	North:	5813368		Left in hole:		
					Elev.:	0	Elev.:	256		Making water:		
							Zone: 16N	NAD:	NAD83	Multi shot surve	ey:	

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -50.00
 C
 ✓



Hole Number	Hole Number TPK-10-003				Project:	Project: Project Number:										
From (m)	To (m)			Lithology			Sample #	From	То	Length	4 (PF	g m)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	16.00	CAS Overburde	<i>Casing</i> en, qtz monzonite boulders													

16.00 26.26 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

26.26 26.41 SHR Shear

moderately sheared qtz monzonite, black wispy shear lamelea at 50TCA, 2% fg diss aspy with trace fg diss py, very weak hematite alt, UC 65TCA, LC 70TCA

26.41 26.75 QMON Quartz Monzonite



Hole Number TPK-10-003				Project:					Project Number:				
From (m)	То (т))	Lithology		Sample #	From	То	Length	Ag (ppr	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)

26.75	26.90	SHR	Shear
	-0.00	U 1111	

moderately sheared qtz monzonite, black wispy shear lamelea at 50TCA, trace fg diss aspy with 0.5-1% fg diss py, UC 60TCA, LC 60TCA

26.90 38.46 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

38.46 38.60 FD

Intermed dyke, sharp 50TCA contacts, massive, fg, grey, weak chlor alt

Felsic Dike



Hole Number TPK-10-003			Project: Project Number:								
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

38.60 45.14 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

45.14 45.20 SHR Shear

weakly sheared qtz monzonite, mm-scale black wispy shear lamelea, trace fg diss py, sheared 60TCA, contacts irreg, looks like 2 shearing phases with one going 60-70TCA and one at 90TCA, weak hematite alt

45.20 54.10 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

54.10 54.20 SHR Shear



Hole Number	TPK-10-00	B Project:					Project Number:				
From (m)	То (т)	<i>Lithology</i> weakly sheared gtz monzonite, mm-scale black shear lamelea at 45TCA, not mineralized, contacts	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		fractured and 80TCA									

54.20 67.50 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

67.50 68.38 SHR Shear

Sheared qtz monzonite, moderately sheared 45TCA, 2-5% fg diss py, weakly hematized, 1cm wide qtz stringers following foliation, no visable aspy, very few black shear lamelea, blocky/fractured core at contacts and in middle of zone, UC 50TCA, LC approx 60TCA

68.38 69.85 QMON Quartz Monzonite



Hole Number TPK-10-003				Project:					Project Number:				
From (m)	То (т))	Lithology		Sample #	From	То	Length	Ag (ppr	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)

69.85	70.01	SHR	Shear

two bands of sheared qtz monzonite approx 5cm wide each, black shear lamelea at 80TCA, 0.5% fg diss py, contact 80TCA

70.01 70.50 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

70.50 71.07 FD Felsic Dike

Intermed dyke, sharp 50-60TCA contacts, massive, fg, grey, weak chlor alt, trace fg diss py, few carb stringers, small 15cm wide qtz monzonite in middle of dyke.



Hole Number TPK-10-003				Project:					Project Numb	er:				
From (m)	To (m)	L	ithology		Sample #	From	То	Length	, (p	Ag pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

71.07 72.10 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

72.10 72.40 SHR Shear

weakly sheared and silicified qtz monzonite, very weak hematite alt, weakly sheared 60TCA, 1% fg diss py, contacts gradational, small qtz stringer at UC 72.1-72.15m at 90TCA

72.40 73.15 QMON Quartz Monzonite



Hole Number	Hole Number TPK-10-003							Project Number:				
From (m)	To (m)		Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
73.15	73.36	SHR	Shear	п								

Weakly sheared qtz monzonite, silicified, weak hematite alt, 2-5% fg diss py, very trace aspy, UC not well defined-gradational, LC fractured with ground core

73.36 74.18 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears

74.18 74.27 SHR Shear

Weakly sheared qtz monzonite, silicified, weak hematite alt, 1% fg diss py, contacts 90TCA

74.27 77.98 QMON Quartz Monzonite



Hole Number	ТРК	K-10-003		Project:					Project Num	ber:				
From (m)	Тс (т	-o n)	Lithology		Sample #	From	То	Length	(Ag ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

77.98 78.05 SHR Shear

same as above small shears, contacts and shearing is 70TCA, weak hematite alt, 1% fg diss py.

78.05 80.66 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

80.66 85.26 SHR Shear

sheared qtz monzonite, moderate to strong hematite alt, blocky sections, 3 small 2-3cm wide apalite dykes crosscutting at approx 45TCA, chlor and carb along fracture planes, sheared 50-55TCA, occasional black biotite shear lamelea, trace fg diss py, UC gradational, LC defined by qtz stringer and appearance of sericite, qtz stringer/LC 65TCA, sulphide content and shear intensity and alteration increases down hole



Hole Number	TF	PK-10-003		Project:					Project Number:					
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag (%	1 2 / ;)	Agol (%)	Au (g/t)	Au2 (g/t)

85.26 85.80 SCHS Sericite Schist

Sericite schist, strongly sheared/mylonitized 55TCA, light grey/buff colour, mm-scale anastomosing shear lamelea, silicified, strong sericite alt, 8-10% fg diss py, no visable aspy, very weak hematite alt assoicated with mm-scale qtz stringers, LC sharp 50TCA

85.80 86.00 QMON Quartz Monzonite

Shear

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

86.00 86.10 SHR

weak-mod sheared qtz monzonite, few biotite shear lamelea, sheared 55TCA, 2% fg diss py, few irreg shear lamelea running parallel to core axis, contacts gradational



Hole Number	TPK-10-003		Proje	ict:				Project Number:				
From (m)	To (m)		Lithology	Sample #	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
86.10	103.42	QMON Medium to lig feldspars fro	<i>Quartz Monzonite</i> ght grey speckled black, with pink sections that are wkly hem, massi m holomorphic euhedral crystaline to amorphous crystals. The monz	ve, variably xtalised conite is crosscut by minor								

brown/pink albitite dykes and cm scale shears.

103.42 104.00 SHR Shear

Sheared qtz monzonite, weakly sheared, biotite wisps associated with fracture 30TCA, biotite wisps range from 60-80TCA, trace fg diss py

104.00 109.13 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

109.13 109.34 SHR Shear

2cm wide shear, weak sericite alt, weak-mod epidote alt, sheared 45TCA, trace fg diss py, weak chlor alt



Hole Number	TPI	K-10-003	Pr	Project:					Project Numb	er:				
From (m)	T (r	To (m)	Lithology		Sample #	From	То	Length	, 1)	4g pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

109.34 111.80 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

111.80 112.04 SHR Shear

5cm wide shear, sheared 45TCA, black, fractured, 1% fg diss py, black biotite wisps, chlor alt along fracture planes

112.04 130.07 **QMON** *Quartz Monzonite*



Hole Number	TPK-1	10-003		Project:				I	Project Number:				
From (m)	То (т)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

130.07 130.30 SHR Shear

Sheared qtz monzonite, moderate biotite wisps, sheared 45-50TCA, trace fg diss py, LC gradational

130.30 133.60 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

133.60 133.93 SHR Shear

weak-mod sheared qtz monzonite, weak-moderate biotite wisps/shear lamelea at 55TCA, trace fg diss py, 1 small qtz stringer0.5cm wide at 50TCA in middle of shear, weak chlor alt near LC, LC gradational



Hole Numbe	er TPK-10-0	Project:					Project Number:				
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.									

134.11 134.24 SHR Shear

weak-mod sheared qtz monzonite, sheared 50TCA, trace fg diss py, weak-mod biotite shear lamelea/wisps, gradational contacts

134.24 138.17 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

138.17 138.20 VQTZ Quartz Vein

small 2cm wide white qtz vn, chlor alt along vn margins, 75TCA, very trace fg diss py along fracture plane/UC $\,$



Hole Number	TPK-10	0-003	Project:					Project Number:				
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

138.20 139.52 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

139.52 139.62 VQTZ Quartz Vein

3cm wide qtz vn, white, not mineralized, weak carb alt, sharp contacts at 40TCA.

139.62 142.82 QMON Quartz Monzonite



Hole Number	TPK-10-003	3			Project:					Project Number:					
From (m)	То (т)			Lithology		Sample #	From	То	Length	Ag (ppn	A () (%	y2 / 6)	Agol (%)	Au (g/t)	Au2 (g/t)
142.82	142.85	SHR	Shear												

small 3cm wide shear, sheared 75TCA, black, small wispy biotite, very trace fg diss py

142.85 159.29 QMON Quartz Monzonite

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

159.29 159.46 APL Aplite Dike

Apalite dyke, contacts sharp 40TCA, grey, aphanitic, sugary texture, unaltered, trace fg diss py

159.46 169.72 **QMON** *Quartz Monzonite*



Hole Number	TF	PK-10-003		Project:					Project Number:					
From (m)	(To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag (%	1 2 A g	gol 1 '%) (Au (g/t)	Au2 (g/t)

169.72 169.84 SHR Shear

Sheared qtz monzonite, weak shearing around margins with moderate shearing at 169.79-169.84m, weak sericite alt associated with moderate shearing, shearing at 75-80TCA, trace fg diss py with an increase to 0.5% fg diss py within moderately sheared section, small 1 cm wide qtz stringer in middle of shear, qtz stringer contacts 80TCA with LC fractured and gound

169.84 193.00 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

193.00 193.25 APL Aplite Dike

apalite dyke, pink, aphanitic, sugary texture, contacts sharp 80TCA, very trace fg diss py



Hole Number	TPK-10-0)3	Project:					Project Number:				
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppr	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

193.25 196.95 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

196.95 197.10 SHR Shear Moderately sheared qtz monzonite, moderate biotite shear lamelea, sheared 60TCA, contacts 60TCA, trace to 0.5% fg diss py

197.10 198.76 **QMON** *Quartz Monzonite*



Hole Number	TPK-10-003	5			Project:						Project Number:				
From (m)	To (m)			Lithology		Samp	le #	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
198.76	198.81	APL small a	<i>Aplite Dike</i> palite dyke, pink, hematite alt,	sharp contacts 70TCA											

198.81 201.02 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

201.02 201.05 SHR Shear Shear 60TCA, contacts 60TCA, trace fg diss py

201.05 205.64 **QMON** *Quartz Monzonite*



Hole Number	TF	PK-10-003	Proj	oject:				Project Number:				
From (m)		To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

205.64 205.80 SHR Shear

sheared qtz monzonite, moderate wispy biotite shear lamelea, sheared 60TCA, 1% fg diss py, weak hematite alt, gradational contacts

205.80 208.30 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised feldspars from holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by minor brown/pink albitite dykes and cm scale shears.

208.30 208.43 SHR Shear

moderate shear, sheared 50TCA, trace fg diss py, moderate wispy biotite shear lamelae



Hole Number	TPK-10-003	3	Project:					Project Number:				
From (m)	To (m)		Lithology	Sample	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
208.43	211.55	QMON Medium to feldspars fr	Quartz Monzonite light grey speckled black, with pink sections that are wkly hem, massive, variably xtalised om holomorphic euhedral crystaline to amorphous crystals. The monzonite is crosscut by mind	or								

brown/pink albitite dykes and cm scale shears.

211.55 211.65 SHR Shear

sheared qtz monzonite with 4cm wide qtz vn in middle of shear, moderate wispy biotite shear lamelae, 2% fg diss py within shear, trace fg diss py within qtz vn, qtz is weak carb alt and weak chlor alt along margins/fractures, very weak sericite alt within shear, sheared at 70TCA, qtz contacts follow shearing, weak shearing noted downhole for 1m after vn

211.65 212.32 QMON Quartz Monzonite



Hole Number	TPK-10-00	B Project:					Project Number:				
From (m)	То (т)	<i>Lithology</i> moderate shearing, sheared 70TCA, small 1cm wide qtz stringer following foliation, 1-2% fg diss and cubic py, contacts gradational	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

212.45 222.00 **QMON** *Quartz Monzonite*



DRILL HOLE REPORT

Hole Number T	РК-10-004			Project	: TPK I	ROWLANDSON LAKE				Project Number:	001
Drilling		Casing		Core				Location		Other	
Azimuth:	360	Length:	0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-50	Pulled:		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	246	Capped:		Section:				NTS:	43D/05	Contractor:	
Started:	03-Nov-10	Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:	
Completed:	06-Nov-10									Surveyed:	
Logged:	06-Nov-10									Surveyed by:	
Comment:	"Test un-ice of RC hole TPI	KRC10-113 with a weak of	old and arsenic anom	alv (24 Au & 500 as	nv	Coordinate - Gemcom		Coordinate - U	тм	Geophysics:	
Comment.	grains in 3.8 kg table feed s ""304 ppb Au INAA and 0.1	sample) in till on top of be 50 g/t Au FAA"". A shear	drock plus an anomalo zone is infered to cros	bus bedrock gold as s this area in an Ea	say, st-	East:	0	East:	442296	Geophysic Contractor:	
	Southest direction. Dip of s	tructures based from nea	rby outcrops is infered	to be southward		North:	0	North:	5813368	Left in hole:	
						Elev.:	0	Elev.:	250	Making water:	
								Zone: 16N	NAD: NAD83	Multi shot surve	y: no

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -50.00
 C
 ✓



Hole Number	TPK-10-004				Project:	TPK ROWLANDSON LAKE					Project Number	001	I			
From (m)	To (m)			Lithology			Sample #	From	То	Length	Ag (ppr	A () (9	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	13.00	CAS Casing 1	Casing 3m, qtz monzonite boulders													

13.00 16.65 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

16.65 16.66 SHR Shear Weak shearing, few biotite shear lamelae, sheared 70TCA, gradational contacts, trace fg diss py

16.66 60.90 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.



Hole Number	TPK-10-004	1			Project:	TPK ROWLANDSON LAKE					Project Number	001				
From (m)	То (т)			Lithology		Samp	ole #	From	То	Length	Ag (ppr	A g)) (9	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)
60.90	61.30	SHR	Shear													

sheared qtz monzonite, moderate black wispy biotite shear lamelae, 0.5% blebby and cubic py associated with open fractures, contacts fractured

61.30 72.60 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

72.60 72.90 SHR Shear weak shear, few biotite wisps, sheared 50TCA, fractured, few carb stringers, moderate hematite alt, trace fg diss py, UC 55TCA, LC fractured

72.90 75.85 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.



Hole Number	r TI	PK-10-004		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

75.85 76.00 APL Aplite Dike

apalite dyke, pink, aphanitic, sugary texture, LC fractured, moderate hematite alt

76.00 81.85

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

81.85 82.30 SHR Shear

moderately sheared qtz monzonite, few biotite wisps, chlor filled micro fractures, 2-5% fg diss py, weakly silicified with few qtz stringers in middle of interval, contacts gradational, sheared 40TCA



Hole Number	TPK-10-004			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)		Lithology		Sample #	Fro	n Ta	o Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
82.30	83.20	QMON	Quartz Monzonite										

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

83.20 84.50 **SHR**

strongly sheared qtz monzonite, moderate sericite alt with sericite alt increasing downhole, sheared 30TCA, fractured, qtz flooding at 83.8-84m, weak chlor alt within fractures, 5% fg diss py, UC gradational, LC qtz stringer and sharp 30TCA

84.50 94.35 QMON Quartz Monzonite

Shear

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

94.35 94.58 SHR Shear

weakly sheared qtz monzonite, moderate hematite alt, weak sericite alt, sm 1.5cm wide qtz stringer in middle of shear, sheared 55TCA, 0.5% fg diss py associated with qtz stringer, chlor alt within fractures in qtz, gradational contacts, small peice near LC missing



Hole Number	Т	РК-10-004		Project:	TPK ROWLANDSON LAKE				Project Number	: 00	01			
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppr	I n)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

94.58 106.53 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

106.53 107.10 SHR Shear

sheared qtz monzonite, weak-mod shear, few wispy biotite shear lamelae, sheared 50TCA, small carb stringers, few small qtz stringers near UC, trace fg diss py, sharp UC 70TCA, LC gradational

107.10 107.40 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.



Hole Number	TPK-10-004			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
107.40	107.46	APL	Aplite Dike										

small apalite dyke, pink, aphanitic, sugary texture, sharp contacts 60TCA, hematite alt

107.46 109.27 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

109.27 109.42 VQTZ Quartz Vein

Qtz vn, white qtz with chlor filled fractures, semi-massive py at UC, weak hematite alt,weak carb alt, few blebs of cpy, sharp 55TCA contacts, one small very fg speck of vg noted in middle of qtz vn

109.42 113.35 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.



Hole Number	r T	ГРК-10-004		Project:	TPK ROWLANDSON LAKE					Project Nur	nber: 0	01			
From (m)		To (m)	Lithology			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

113.35 114.36 SHR Shear

moderately sheared qtz monzonite, sheared 20TCA, small band near UC looks like it could be an intermed dyke or cluster of shear lamelae but hard to tell due to extreme low angle, 2% fg diss py, contacts sharp 20TCA, moderate hematite alt, very weak sericite alt, crosscutting micro fractures filled with epidote or carb

114.36 115.58 **QMON** *Quartz Monzonite*

Shear

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

115.58 115.65 **SHR**

moderate shear, sheared 55TCA, gradational contacts, trace fg diss py, moderate wispy biotite shear lamelae

115.65 119.46 **QMON** *Quartz Monzonite*



Hole Number	TPK-10-00		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag) (%	2 Ago	Au (g/t)	Au2 (g/t)
		Qtz monzonite, white and black speckled, mg, patchy moderate to strong	g hematite alt									

119.46 119.76 APL Aplite Dike

apalite dyke, pink, aphanitic, sugary texture, sharp 50TCA contacts, hematite alt, fractured, chlor filled crosscutting microfractures

119.76 123.20 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

123.20 123.40 SHR Shear

weakly sheared qtz monzonite, sharp 50TCA contacts, sheared 50TCA, 0.5% fg diss py, weak-mod wispy biotite shear lamelae



Hole Number	TPK-10-004	Project: TPM	K ROWLANDSON LAKE	Project Number: 001
From (m)	To (m)	Lithology	Sample # From To Length	Ag Ag2 Agol Au Au2 (ppm) (%) (%) (g/t) (g/t)

123.40 125.70 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

125.70 126.15 SHR Shear weakly sheared 50TCA, gradational contacts, trace fg diss py with py clusters along fracture planes, weak hematite alt

126.15 126.80 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

126.80 127.10 APL Aplite Dike

apalite dyke, aphanitic, pink, sugary texture, very fractured core, hematite alt



Hole Number TPK-10-004			Project:	TPK ROWLANDSON LAKE					Project Number: 001					
From (m)	То (т)		Lithology			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

127.10 131.03 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

 131.03
 131.23
 Shear

 moderately sheared qtz monzonite, sheared 50TCA, 0.5% fg diss py, UC sharp, LC gradational

131.23 131.60 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

131.60 131.73 SHR Shear



Hole Number TPK-10-004			Project:	Project: TPK ROWLANDSON LAKE						Project Number: 001				
From (m)	To (m)	Lithology			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)	
mod sheared qtz monzonite, sheared 50TCA, weak hematite alt, trace fg diss py, sharp contacts 50TCA														

131.73 133.00 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

133.00 133.17 APL Aplite Dike

apalite dyke, pink, very fractured, hematite alt, aphanitic, sugary texture

133.17 135.43 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.


Hole Number	TPK-10-004			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
135.43	135.76	SHR moderately s stringers	Shear sheared qtz monzonite, sheared 20TCA, LC fractured,	, trace fg diss py, cro	osscutting carb								

 135.76
 141.44
 QMON
 Quartz Monzonite

 Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

141.44 141.67 SHR Shear sheared qtz monzonite, sheared 40-55TCA, shear lamelae are crosscut by qtz stringers, qtz flooded, trace fg diss and cubic py, sharp contacts 60TCA

141.67 147.64 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.



Hole Number	TP	PK-10-004		Project:	TPK ROWLANDSON LAKE	E				Project Number	: 0	01			
From (m)		To (m)	Litho	logy		Sample #	From	То	Length	A g (pp)) n)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

147.64 149.25 SHR Shear

Sheared qtz monzonite, sharp UC, irregular wispy biotite shear lamelae at 50TCA and parallel with core axis, shear intensity increases down hole, few hairline carb stringers following foliation and crosscutting, 5-8% fg diss and cubic py, 0.5% fg aspy, LC gradational and defined by increase in shear, sericite alt and qtz flooding

149.25 150.05 SHR Shear

Sheared and qtz flooded qtz monzonite, strongly sheared 45-50TCA, smokey-grey qtz flooding mostly near contacts and from 149.47-129.72m but throughout shear, moderate sericite alt within shear and qtz flooding, occasional clusters of reddish orange mineral first thought to be spessertine or rusty py but when observed on fracture with microscope gives off shene suggesting mica?, 5-8% fg diss py following foliation occasional cubic py, 0.5% fg aspy, LC defined by decrease in qtz content.

150.05 153.00 SHR Shear

Sheared qtz monzonite, moderate-strong shear 45-50TCA, 3 small qtz vns following shearing approx 4-6cm wide, weak sericite alt, LC defined by increase in qtz content/flooding, 8-10% fg diss py and 1-2% aspy, sulphide content mostly associated with qtz veining, LC fractured, occasional hairline carb stringers with epidote alt, stringers follow and cross cut foliation, qtz vn at 150.92-151.04m contains 1% aspy along lower margin



Hole Number	Hole Number TPK-10-004			Project:	TPK ROWLANDSON LAKE					Project Number:	001				
From (m)		To (m)	Lithology		Sar	ample #	From	То	Length	Ag (ppm)	Ag (%)	2 A	Agol (%)	Au (g/t)	Au2 (g/t)

153.00 154.04 VQTZ Quartz Vein

Qtz vn, strong sericite alt, smokey grey qtz, carb/chlor and hematite within fractures, weak foliation 40TCA, sericite alt gives qtz a net-texture appearance, 10-12% fg diss py, LC fractured and gradational looking, qtz content and sericite alt decreases

154.04 156.75 SHR Shear

Sheared qtz monzonite, moderate-strong shearing 50TCA, 8-10% fg diss py, shear intensity increases downhole, few hairline carb filled micro fractures, LC sharp 30TCA

156.75 157.15 SHR Shear

strongly sheared qtz monzonite, mod-strong sericite alt, weak carb alt, sheared 30TCA, 3cm wide qtz stringer in middle of shear with chlor within fractures, 8-10% fg diss py with 0.5% fg aspy, LC sharp 30TCA



Hole Number	r T	FPK-10-004		Project:	TPK ROWLANDSON LAKE					Project Number	0(01			
From (m)		To (m)	Lithology			Sample #	From	То	Length	Ag (ppn	י ר ו	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

157.15 158.85 VQTZ Quartz Vein

VG, smokey-grey qtz vn, sericite filled fractures at 30TCA, possible hematite alt within fractures same orangy-red mineral as seen above, qtz vn becomes less silicified and more carb alt downhole, several specks of VG noted along sericite fractures within silicified section near UC at 157.15-157.35m, 3 larger nuggets noted within qtz near sericite/VG seams, core becomes very fractured at 157.9-158.85m, 5-8% fg diss py, trace aspy

158.85 161.35 SHR Shear

sheared qtz monzonite, moderate-strong shearing 30TCA with sections that appear to be sheared parallel to core axis, very blocky core with RQD 5-10%, weak sericite alt, occasional carb/chlor microfractures, 8-10% fg diss py, trace aspy

161.35 163.88 SHR Shear

Qtz flooded and strongly sheared qtz monzonite, very fractured core hard to determine shear orientation, few sections looks like shearing is low ang to parallel to core axis, qtz is white with few sericite/chlor filled fractures, orangy-red mineral noted within white qtz as seen above, 8-10% fg diss py, trace aspy, LC defined by decrease in qtz content



Hole Number	r TPI	PK-10-004		Project:	TPK ROWLANDSON LAKE					Project Nur	mber: (001			
From (m)	T (1	То (m)	Lithology			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

163.88 168.00 SHR Shear

sheared and sericite alt qtz monzonite, weak-mod sericite alt, occasional chlor filled fractures, weak qtz flooding, 5-8% fg diss py, hard to tell shear orientation, occasional biotite shear lamelae going in all directions

168.00 168.35 VQTZ Quartz Vein

qtz flooded sericite alt qtz monzonite, white qtz with few sericite/chlor filled fractures, 2% fg diss and blebby py, contact defined by decrease in qtz content and alteration

168.35 179.00 SHR Shear

weakly sheared qtz monzonite, weak hemaite alt, weak sericite alt near UC, shearing decreases downhole, 1% fg diss py, occassional biotite shear lamelae at 30TCA, gradational LC



Hole Number	TPK-10-004			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
179.00	181.95	QMON	Quartz Monzonite										

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

181.95 183.61 **SHR**

mod-strong sheared qtz monzonite, pink, fractured, sheared approx 30TCA, strong hematite alt, 0.5% fg diss py, sharp contacts, UC fractured, LC 50TCA, weak qtz flooding near LC

183.61 218.80 **QMON** *Quartz Monzonite*

Shear

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

218.80 219.40 SHR Shear

weak-mod sheared qtz monzonite, weak qtz flooding, occasional chlor filled micro-fractures, few qtz stringers near 219m, 0.5% fg diss py, gradational UC, LC sharp 70TCA, weak hemaite alt



Hole Number	Hole Number TPK-10-004			Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	(To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag) (%	2 Ag) (%	101 A 1 6) (g/	u A (t) (\u2 (g/t)

219.40 233.35 QMON Quartz Monzonite

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.

233.35 237.52 SHR Shear Sheared qtz monzonite, weakly sheared 30TCA, 1% fg diss py, few biotite wisps at 30TCA, cluster of biotite wisps near LC, contacts at 30-40TCA

237.52 246.00 **QMON** *Quartz Monzonite*

Qtz monzonite, white and black speckled, mg, patchy moderate to strong hematite alt.



DRILL HOLE REPORT

Hole Number	FPK-10-005			Project: TP	K ROWLANDSON LAKE				Project Number: 001
Drilling		Casing		Core			Location		Other
Azimuth:	180	Length:	0	Dimension: BQ			Township:	WAPITOTEM	Logged by:
Dip:	-50	Pulled:		Storage: ROWL	ANDS		Claim No.:		Relog by:
Length:	198.55	Capped:		Section:			NTS:	43D/05	Contractor:
Started:	06-Nov-10	Cemented:		Hole Type DD			Hole:	SURFACE	Spotted by:
Completed:	09-Nov-10								Surveyed:
Logged:	09-Nov-10								Surveyed by:
Comment:	"Drill hole to test N dinning	structures found in CAN1	D-065A Hole spotter	150m N of CAN10-065A at	Coordinate - Gemcom		Coordinate - UT	м	Geophysics:
comment.	180 Az/50 dip.		-005A. Hole spolled		East:	0	East:	442246	Geophysic Contractor:
					North:	0	North:	5813576	Left in hole:
					Elev.:	0	Elev.: Zone: 16N	250 NAD: NAD83	Making water: Multi shot survey:

Deviation Tests

DistanceAzimuthDipTypeGoodComments0.00180.00-50.00C



Hole Number	TPK-10-005				Project:						Project Number:				
From (m)	To (m)			Lithology		Sam	ple #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	8.50	CAS Casing,	Casing qtz monzonite boulders												

8.50 42.50 **QMON** *Quartz Monzonite*

Qtz monzonite, black and white speckled, mg, massive.

42.50 68.72 **QMON** *Quartz Monzonite*

Qtz monzonite crosscut by 1cm wide shear lamelea with abundant aspy and +/- qtz stringers, 20-40TCA

68.72 70.00 SHR Shear

mod-strong sheared qtz monzonite, dk grey, few small qtz/feldspar clasts off setting shear lamelae, rare qtz/carb stringers following shearing, blocky/fractured, 1% fg diss py, sharp 60TCA contacts



Hole Number	r TF	FPK-10-005		Project:					Project Number:				
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag: (%)	? Age (%	ol Au 5) (g/t)	Au2 (g/t)

70.00 71.14 QMON Quartz Monzonite

Qtz monzonite, black and white speckled, mg, massive.

71.14 72.00 SHR Shear

Moderate-strong shear, sheared 65TCA, dk grey, few small qtz/feldspar clasts off setting shear lamelae, rare qtz/carb stringers following shearing, 1% fg diss py, patches look porphyritic, LC gradational

72.00 125.43 QMON *Quartz Monzonite*

Qtz monzonite, black and white speckled, mg, massive.

125.43 125.75 VQTZ Quartz Vein

Qtz vn, white qtz intermixed with chlor alt qtz monzonite, weak-mod hematite and chlor alt, weak carb alt,



Hole Number	TPK-10-005	Project:					Project Number:				
From (m)	То (т)	<i>Lithology</i> trace fg diss py, weak sericite within fractures but mostly chlor within fractures, LC sharp 65TCA with fault gouge	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

126.16 **FLTG** *Fault Gouge (Open)* Fault breccia, green, brittle, sub-angular brecciated clasts of qtz monzonite and qtz, few clasts are hematite alt, foliated 70TCA, trace fg diss py

 126.16
 143.10
 QMON
 Quartz Monzonite

Qtz monzonite, black and white speckled, mg, massive.

143.10 143.68 FLTG Fault Gouge (Open)

Shear/fault, dk green, shiny, fractured, few 1 cm wide qtz stringers, several hairline carb stringers, strongly sheared 60TCA, LC sharp and fractured 60TCA, trace fg diss py

125.75



Hole Number	ΤP	PK-10-005		Project:					Project Number:					
From (m)	1 (1	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	A) ('	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

143.68 154.40 **QMON** *Quartz Monzonite*

Qtz monzonite, black and white speckled, mg, massive.

154.40 155.00 APL Aplite Dike

apalite dyke, aphanitic, strong hematite alt, sugary texture, trace fg diss py, crosscut by carb stringers, micro fractures filled with chlor and moly, sharp contacts 65TCA

155.00 178.27 **QMON** *Quartz Monzonite*

Qtz monzonite, black and white speckled, mg, massive.

178.27 178.72 APL Aplite Dike

apalite dyke, aphanitic, pink, sugary texture, hematite alt



Hole Number	TP	PK-10-005		Project:					Project Num	iber:				
From (m)	ר (ו	То (m)	Lithology		Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

178.72 198.55 **QMON** *Quartz Monzonite*

Qtz monzonite, black and white speckled, mg, massive.



DRILL HOLE REPORT

Hole Number TPK-10	-006			Project:					Project Number:
Drilling		Casing		Core			Location		Other
Azimuth:		Length:	0	Dimension:			Township:		Logged by:
Dip:		Pulled:		Storage:			Claim No.:		Relog by:
Length:	0	Capped:		Section:			NTS:		Contractor:
Started:		Cemented:		Hole Type			Hole:		Spotted by:
Completed:									Surveyed:
Logged:	25-Oct-12								Surveyed by:
Comment:					Coordinate - Gemcom		Coordinate - UTM		Geophysics:
					East:	0	East:	0	Geophysic Contractor:
					North:	0	North:	0	Left in hole:
					Elev.:	0	Elev.:	0	Making water:
							Zone:	NAD:	Multi shot survey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -50.00
 C
 ✓



Hole Number	TPK-10-006				Project:						Project Numbe	r:				
From (m)	To (m)			Lithology		Sample	•#	From	То	Length	, (Pl	g om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.00	CAS Casing,	<i>Casing</i> qtz monzonite boulders													

10.00 26.56 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.

27.03 APL Aplite Dike apalite dyke, pink, aphanitic, sugary texture, hematite alt, fractured

27.03 54.66 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.

26.56



Hole Number	TP	PK-10-006		Project:					Project Number:				
From (m)	(To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

54.66 55.12 SHR Shear Shear 55TCA, 0.5% fg aspy, 1% py

55.12 64.83 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.

64.83 66.28 QMON Quartz Monzonite

coarser grained qtz monzonite, clasts are not as well defined at above, increase in qtz content, trace fg diss py, qtz stringer at UC, UC gradational, LC defined by shear

66.28 66.81 SHR Shear



Hole Number	TPK-10-00	Project:					Project Number:				
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		moderate-strong shear, black biotite wispy shear lamelae mostly at 30TCA but irreg, 0.5% fg diss py and cubic py, trace fg aspy									

66.81 81.50 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.

81.50 81.64 APL Aplite Dike

apalite dyke, pink, sharp contacts, UC 30 TCA, LC 70TCA, hematite alt, aphanitic matrix with small black and white biotite and feldspar phenocrysts, not mineralized

81.64 118.50 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.



Hole Number	r TI	PK-10-006		Project:					Project Numb	er:				
From (m)		To (m)	Lithology		Sample #	From	То	Length) (p	4g .pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

118.50 118.51 **APL** Aplite Dike

1cm wide apalite dyke running parallel to 15TCA

118.51 119.35 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.

119.35 119.66 APL Aplite Dike pink apalite dyke 80TCA

119.66 131.00 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised



Hole Number	TPK-10-00	Project:					Project Number:				
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		feldspars from holomorphic euhedral crystaline to amorphous crystals.									

131.00 136.88 SHR Shear

Weak-moderate shear, gradational contacts, black wispy biotite shear lamelae, 1% fg diss py with trace aspy, hematite alt increases down hole

136.88 200.00 QMON Quartz Monzonite

Medium to light grey speckled black, with orangy sections that are wkly hem, massive, variably crystalised feldspars from holomorphic euhedral crystaline to amorphous crystals.



DRILL HOLE REPORT

Hole Number 1	FPK-10-007			Project: 1	PK ROWLANDSON LAKE				Project Number: 001
Drilling		Casing		Core			Location		Other
Azimuth:	360	Length:	0	Dimension: BQ			Township:	WAPITOTEM	Logged by: Sarah Miller
Dip:	-50	Pulled:		Storage: ROW	/LANDS		Claim No.:		Relog by:
Length:	189	Capped:		Section:			NTS:	43D/05	Contractor:
Started:	12-Nov-10	Cemented:		Hole Type DI)		Hole:	SURFACE	Spotted by:
Completed:	25-Nov-10								Surveyed:
Logged:	25-Nov-10								Surveyed by:
Comment:	Test un-ice of RC hole TPKI	RC10-107 with a modera	te cold and arsenic an	omaly (121 Au & 1 000	Coordinate - Gemcom		Coordinate -	ШТМ	Geophysics:
comment.	aspy grains in 7.9 kg table fe area in an East-Southest dir	eed sample) in till on top rection. Dip of structures	of bedrock. A shear zo based from nearby our	one is infered to cross this tcrops is infered to be	East:	0	East:	442038.1546	Geophysic Contractor:
	southward.				North:	0	North:	5813499.344	Left in hole:
					Elev.:	0	Elev.:	252	Making water:
							Zone: 16N	NAD: NAD83	Multi shot survey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -50.00
 C
 ✓



Hole Number	TPK-10-007				Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)			Lithology		Sample	e #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.00	CAS casing ur	Casing ntil 10m, coring started at 9.3	5m											

10.00 67.35 QMON Quartz Monzonite

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins

67.35 68.00 APL Aplite Dike

Apalite dyke, sharp contacts 45-50TCA, grey, aphanitic groundmass with small black and white flecks, possible qtz diorite/tonalite but looks very similar to the pervious drilled apalite dykes just unaltered.

68.00 74.94 QMON Quartz Monzonite

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins



Hole Number	TF	PK-10-007		Project:	TPK ROWLANDSON LAKE					Project Numb	er: C	001			
From (m)		To (m)	Lithology		San	mple #	From	То	Length) (p	\g om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

74.94 75.45 SHR Shear

moderately sheared qtz monzonite, sheared 50TCA, abundant wispy biotite shear lamelae, UC gradational, LC sharp 50TCA, 1% fg diss py, small qtz stringer in middle of shear with hematite alt, rare carb stringers at various orientations

75.45 87.05 QMON Quartz Monzonite

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins

87.05 88.67 QMON Quartz Monzonite

fg-mg qtz monzonite, finer grained than surrounding qtz monzonite, grey, tiny black and white specks, occasional mafic xenoliths, some xenoliths looks like epidote, gradational contacts, LC gradational weak hematite alt from 88.44-88.67, very trace fg diss py



Hole Number	T	PK-10-007		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)		То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Ago (%)	Au (g/t)	Au2 (g/t)

88.67 148.73 QMON Quartz Monzonite

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins

148.73 149.22 SHR Shear moderate shear, abundant black wispy shear lamelae, sheared 70TCA, sharp UC, gradational LC, hairline carb stringers cross cutting shear, 1% fg diss py, few qtz strigners near shear margins, weak chlor alt near UC

149.22 169.77 **QMON** *Quartz Monzonite*

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins

169.77 170.05 SHR Shear



Hole Number	TPK-10-00	7 Project: TPK ROWLANDSON	LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Sheared qtz monzonite, wispy biotite shear lamelea, weakly sheared 70TCA, gradational contacts, 1% fg diss py with trace fg aspy									

170.05 173.90 **QMON** *Quartz Monzonite*

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins

173.90 174.20 **SHR**

weak shearing 40TCA, few carb stingers, trace fg diss py

Shear

174.20 189.00

qtz monzonite, mg, black and white speckled, cross cut by cm scale apalite dykes and shear zones. Weak patchy hematite alt, mostly at fracture margins



Hole Number	ТР	PK-10-007		Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	(To (m)	Lithology		Sample #	From	То	Length	Ag (ppr	Ag) (%	12 - 1 5)	Agol (%)	Au (g/t)	Au2 (g/t)



DRILL HOLE REPORT

Hole Number 1	ГРК-10-008			Project	: TPK I	ROWLANDSON LAKE					Project Number	: 001
Drilling		Casing		Core				Location			Other	
Azimuth:	360	Length:	0	Dimension:	BQ			Township:	WAPITOT	EM	Logged by:	Sarah Miller
Dip:	-50	Pulled:		Storage:	ROWLAN	DS		Claim No.:			Relog by:	
Length:	214	Capped:		Section:				NTS:	43D/05		Contractor:	
Started:	25-Nov-10	Cemented:		Hole Type	DD			Hole:	SURFACE		Spotted by:	
Completed:	28-Nov-10										Surveyed:	
Logged:	28-Nov-10										Surveyed by:	
Comment:	Test un-ice of RC hole TPK	RC10-106 with a strong	old and weak arsenic	anomaly (1 167 Au	& 500	Coordinate - Gemcom		Coordinate - UI	гм		Geophysics:	
	aspy grains in 6.8 kg table f area in an East-Southest di	eed sample) in till on top rection. Dip of structures	of bedrock. A shear zo based from nearby out	one is infered to crost tcrops is infered to b	s this e	East:	0	East:	441962	1	Geophysic Contractor:	
	southward.					North:	0	North:	5813683	1	Left in hole:	
						Elev.:	0	Elev.:	250)	Making water:	
								Zone: 16N	NAD:	NAD83	Multi shot surv	rey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -50.00
 C
 ✓



Hole Number	TPK-10-008				Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)			Lithology		Si	ample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	3.30	CAS OB, casi	<i>Casing</i> ng pushed to 9m with reg	coring starting at 7m											

3.30 4.27 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

4.27 4.90 SHR Shear

moderately sheared qtz monzonite, sheared 50TCA, wispy biotite shear lamelae, 0.5% aspy, 0.5% fg diss py, fg aspy forming stringers following shearing, contacts sharp 50TCA, casing size core

4.90 54.20 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.



Hole Number	• T I	PK-10-008		Project:	TPK ROWLANDSON LAKE				Project Number:	00	1			
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppn	م ۱) (۱	\g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

54.20 54.75 SHR Shear

moderately sheared qtz monzonite, sheared 70TCA, clusters of wispy biotite shear lamelae, fractured core, 0.5% fg diss py, trace aspy, few hairline qtz/carb stringers following foliation, contacts sharp 70TCA

54.75 58.00 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

58.00 59.24 SHR Shear

moderate shear, sheared 60TCA, clusters of wispy biotite shear lamelae, 2% fg diss py, trace aspy, qtz flooded from 58.35-59m, few 1cm wide qtz stringers following shearing, fractured core, gradational



Hole Number	TPK-10-008				Project:	TPK ROWLANDSON LAKE					Project Numb	er: (001			
From (m)	То (т)			Lithology			Sample #	From	То	Length	(P)	\g om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
59.24	65.52	QMON	Quartz Monzonite													

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

65.52 65.72 APL Aplite Dike

Apalite dyke, pink, aphanitic matrix with small biotite phenocrysts, strong hematite alt, qtz stringers near UC, sharp contacts 80TCA

65.72 86.13 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

86.13 88.53 APL Aplite Dike

Apalite dyke, pink, aphanitic matrix with tiny biotite phenocrysts, sugary texture, fractured core, strong hematite alt, sharp contacts 20TCA, middle of dyke is a hairline carb stringer at 25TCA



Hole Number	T	PK-10-008		Project:	TPK ROWLANDSON LAKE				Project Number	00	01			
From (m)		To (m)	Lithology		Sample #	From	То	Length	A g (pp)	I 🖌 n)	4g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

88.53 101.43 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

101.43 101.60 VQTZ Quartz Vein

5cm wide qtz vn, white qtz, weak carb alt, chlor within fractures, weak hematite alt along margins, trace fg diss py within qtz

101.60 109.95 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.



Hole Number	TPK-10-008	8			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)			Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
109.95	110.45	SHR	Shear											

weak-mod sheared qtz monzonite, sheared 65TCA, gradational contacts, 0.5% fg diss and blebby py, clusters of wispy biotite shear lamelae, few carb stringers

110.45 121.32 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

121.32 121.60 SHR Shear

moderate shear, wispy biotite shear lamelea, UC sharp 70TCA, LC gradational, qtz flooding, weak hematite alt within qtz,trace fg diss py, 2% fg diss aspy with 1cm wide semi-massive aspy band at 121.44m, near UC sheared 60TCA, shearing increases to 70TCA near LC

121.60 129.60 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral



Hole Number	TPK-10-008		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		crystaline to amorphous crystals.										

129.60 130.52 SHR Shear

moderately sheared qtz monzonite, sheared 60TCA, grey, wispy biotite shear lamelae, 1% fg diss and cubic py, fracture core, sharp UC 60TCA, LC gradational, weak carb stringers, weak hematite alt

130.52 187.24 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

187.24 187.94 SHR Shear

strong shear, sheared 65TCA, several 1cm wide qtz stringers, a 4cm wide qtz stringer at 187.7m, weak carb and chlor alt associated with qtz, 2% fg diss py and blebby py, contacts sharp 65TCA, abundant wispy biotite shear lamelae



Hole Number	TF	PK-10-008		Project:	TPK ROWLANDSON LAKE				Project Number	00	1			
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppr	i A n) (*	. g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

187.94 195.12 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

195.12 196.00 SHR Shear

strong shear, sheared 60TCA, weak carb alt, weak sericite alt, few wispy biotite shear lamelae, 2% fg diss py, qtz flooded with few 1cm wide qtz stringers throughout shear, qtz vn at 195.18-195.29m with carb/chlor/sericite alt and well mineralized, UC gradational, LC sharp 60TCA, abundant py along fracture planes

196.00 214.00 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.



Hole Number	TP	K-10-008	Project: TPK ROWLANDSON LAKE	Project Number:	001			
From	T	To	Lithology Sample # From To Length	Ag	Ag2	Agol	Au	Au2
(m)	(1	(m)		(ppm)	(%)	(%)	(g/t)	(g/t)



DRILL HOLE REPORT

Hole Number TPK-10	-009			Projec	t: TPK F	ROWLANDSON LAKE				Project Number	: 001
Drilling		Casing		Core				Location		Other	
Azimuth:	360	Length:	0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-70	Pulled:		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	221	Capped:		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	29-Nov-10	Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:	
Completed:	03-Dec-10									Surveyed:	
Logged:	30-Nov-10									Surveyed by:	
Comment:						Coordinate - Gemcom		Coordinate - UT	м	Geophysics:	
						East:	0	East:	441962	Geophysic Contractor:	
						North:	0	North:	5813683	Left in hole:	
						Elev.:	0	Elev.: Zone: 16N	250 NAD: NAD83	Making water: Multi shot surv	ey:

Deviation Tests

DistanceAzimuthDipTypeGoodComments0.00360.00-70.00C



Hole Number	TPK-10-009)			Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)			Lithology		Sampl	le #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	6.00	CAS	Casing												

casing pushed to 6m, possible qtz monzonite boulders but looks like bed rock from 5m.

6.00 21.38 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

21.38 22.09 SHR Shear

weak-moderate shear, wispy biotite shear lamelea, sheared 60TCA, very trace fg diss py, gradational contacts

22.09 44.42 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.


Hole Number	TPK-	(-10-009		Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	То (т)	0 1)	Lithology			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

44.42 48.32 SHR Shear

weak-moderate shear, clusters of wispy biotite shear lamelae, sheared 60TCA, within clusters trace fg diss py noted, gradational contacts

48.32 61.96 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

61.96

62.06 APL Aplite Dike

small apalite dyke cross cutting qtz monzonite, grey/green, chlor alt, fractured/ground core, sharp contacts 35TCA



crystaline to amorphous crystals.

LITHOLOGY REPORT - Detailed -

Hole Number	TPK-10-009)		Project:	TPK ROWLANDSON LAKE				Project Number: 0	001			
From (m)	То (т)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
62.06	62.67	QMON Medium to I	Quartz Monzonite light grey speckled black, massive, variably crystalized felds	pars from hold	morphic euhedral								

62.67 65.16 APL Aplite Dike

grey-green apalite dyke, sharp contacts 50TCA, microfractures offset dyke near UC-makes it look brecciated with triangles of qtz monzonite/apalite dyke, microfractures/faults at 45TCA and healed with chlor, trace fg diss py throughout, very weak hematite alt, very fg-aphanitic matrix with small black biotite specks, sugary texture

65.16 69.45 SHR Shear

sheared qtz monzonite, abundant wispy biotite shear lamelae, sheared 60TCA, few qtz stringers, sections of blocky core, 68.66-69.45m strong shearing with sericite alt and 1% aspy and few qtz stringers, 1-2% fg diss py throughout



Hole Number	TPK-10-009	Project: TPK ROWLANDSON	N LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.									

96.02 96.16 APL Aplite Dike

apalite dyke, sharp contacts 70TCA, pinkish grey, weak hematite alt, aphanitic matrix with tiny specks of biotite and feldspar, sugary texture

96.16 98.18 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

98.18 98.44 APL Aplite Dike

apalite dyke, sharp contacts 70TCA, pinkish grey, weak hematite alt, aphanitic matrix with tiny specks of biotite and feldspar, sugary texture



Hole Number	TPK-10	0-009	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

98.44 99.62 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

99.62 99.90 APL Aplite Dike

apalite dyke, sharp contacts 50TCA, pinkish grey, weak hematite alt, aphanitic matrix with tiny specks of biotite and feldspar, sugary texture

99.90 105.62 QMON Quartz Monzonite

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.



Hole Number	TPK-10-009			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
105.62	105.70	FD	Felsic Dike										
		inte	med dyle, very fg, dk grey-black, sharp contacts 50TCA, LC little qtz bl	lob, not mir	eralized								

105.70 113.27 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

113.27 113.31 APL Aplite Dike

grey, fg-aphanitic, sharp 40TCA, unaltered, sugary texture

113.31 140.18 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.



Hole Number	ole Number TPK-10-009			Project:	TPK ROWLANDSON LAKE					Project Num	ıber: 0	01			
From (m)		To (m)	Lithology		s	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

140.18 147.90 SHR Shear

sheared qtz monzonite, interval has patches of weakly sheared QM to moderately sheared, shearing ranges from 45-70TCA, patchy mineralization with trace fg diss py overall and moderate shears with up to 1% fg diss py and trace-0.5% aspy, small qtz vn in middle of shear.

147.90 197.13 **QMON** *Quartz Monzonite*

Medium to light grey speckled black, massive, variably crystalized feldspars from holomorphic euhedral crystaline to amorphous crystals.

197.13 197.70 SHR Shear

moderately sheared qtz monzonite, sheared 30-45TCA, qtz flooded, lacks wispy biotite shear lamelea, grey-green overprint, moderate sericite alt, LC open fracture with chlor along fracture plane, 2% fg diss py



Hole Number	TPK-10-009			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
197.70	221.00	QMON	Quartz Monzonite										
		Medium to li	ght grey speckled black, massive, variably crystalized felds	pars from hold	morphic euhedral								

crystaline to amorphous crystals.



DRILL HOLE REPORT

Hole Number TPK-10	-010			Project:	TPK ROWLANDS	SON LAKE				Project Number: 001
Drilling		Casing		Core				Location		Other
Azimuth:	360	Length:	0	Dimension: B	3Q			Township:		Logged by: Sarah Miller
Dip:	-50	Pulled:		Storage: R	ROWLANDS			Claim No.:		Relog by:
Length:	249	Capped:		Section:				NTS:		Contractor:
Started:	03-Dec-10	Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:
Completed:	08-Dec-10									Surveyed:
Logged:	16-Feb-11									Surveyed by:
Comment:					Coordina	te - Gemcom		Coordinate - UT	м	Geophysics:
					East:		0	East:	442180	Geophysic Contractor:
					North:		0	North:	5812250	Left in hole:
					Elev.:		0	Elev.: Zone: 16N	266 NAD: NAD83	Making water: Multi shot survey:

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments
0.00	360.00	-50.00	С	\checkmark	
30.00	360.00	-50.00	С	\checkmark	



Hole Number	TPK-10-	-010				Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	То (т)				Lithology		s	Sample #	From	То	Length	Ag (ppm,	Ag (%)	2 Age (%)	bl Au (g/t)	Au2 (g/t)
0.00	16.	00	CAS	Casing												

16.00 46.90 **QMON** *Quartz Monzonite*

leuco-granite, fg-mg, light pink in colour, weak hematite staining, very trace biotite/mafic content.

46.90 51.33 **QMON** *Quartz Monzonite*

less hematite staining than surrounding granite, moderately foliated 50TCA, occasional chlor filled fractures, increase in qtz content, gradational contacts

51.33 63.50 **QMON** *Quartz Monzonite*

leuco-granite, fg-mg, light pink in colour, weak hematite staining, very trace biotite/mafic content.



Hole Number	TP	K-10-010		Project:	TPK ROWLANDSON LAKE					Project Num	ber: (001			
From (m)	T (n	"0 n)	Lithology		Sam	nple #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

63.50 67.22 SHR Shear

creamy coloured granite, very weak hematite staining, weak-moderate localized sericite alt, moderately foliated 55TCA, patchy fg diss py with clusters up to 1-2%, trace po, few qtz stringers up to 2cm wide, several open fractures, several chlor filled fractures, spessertine garnet noted on fracture plane at 63.7m near UC of well mineralized and qtz flooded shear, UC gradational, LC moderate sericite alt and gradational/defined by open fracture at 55TCA

67.22 100.30 QMON Quartz Monzonite

leucogranite with occasional biotite shear lamelae, several chlor filled fractures in random directions, weakmoderate hematite staining, rare qtz/carb stringers up to 1cm wide mostly at 60TCA, trace fg diss py, 2 sections with abundant biotite shear lamelae; LOST CORE 72.8-75M

100.30 103.58 SCHS Sericite Schist

moderately to strongly sheared leucogranite, moderate sericite alt, 5-8% fg diss py and up to 2% cpy, sheared 40-50TCA, qtz flooding, weak florite associated to qtz flooding, patches of less alt granite within shear, fractured/blocky core, open fractures mostly 50TCA, abundant py along open fractures, weak patchy carb alt, chlor filled fractures throughout at random orientations, LC gradational and defined by small qtz stringer at 65TCA and a decrease in sericite alt and shearing



Hole Number	ТРК	(-10-010		Project:	TPK ROWLANDSON LAKE					Project Nu	ımber: (001			
From (m)	T ((m	o n)	Lithology		Sample	#	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

103.58 106.20 **QMON** *Quartz Monzonite*

leuco-granite, fg-mg, light pink in colour, weak hematite staining, very trace biotite/mafic content.

106.20 107.10 SHR Shear

moderate-strong shear, gradational contacts, sheared 55TCA, qtz flooded-strongly silicified, weak hematite staining, moderate sericite alt, 1% fg diss py and trace fg cpy

107.10 107.92 QMON Quartz Monzonite

leuco-granite, fg-mg, light pink in colour, weak hematite staining, very trace biotite/mafic content.



Hole Number	TPK-10-010				Project:	TPK ROWLANDSON LAKE					Project Number	: 0	01			
From (m)	То (т)			Lithology			Sample #	From	То	Length	A g (pq)	} n)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
107.92	109.64	APL Apalite dyl sharp cont	<i>Aplite Dike</i> ke, dk pink-red, strong hema tacts 65TCA	tite staining, very little mafic cor	ntent, aphanitic,	sugary texture,										

109.64 127.62 **QMON** *Quartz Monzonite*

leuco-granite, fg-mg, light pink in colour, weak hematite staining, very trace biotite/mafic content.

127.62 128.67 SHR Shear

moderate shear, cluster of biotite shear lamelae, sharp UC 20TCA, LC more gradational but still low ang, 5% blebby py+po mostly associated with qtz stringer in middle of shear, qtz stringer approx 2cm wide at 20TCA, weak carb alt, weak chlor alt within qtz, abundant spessertine garnet noted on fracture planes and within shear

128.67 159.91 QMON Quartz Monzonite

leuco grantite with occasional clusters of biotite shear lamelae mostly at 20TCA with a few at 45-60TCA, trace fg diss py, +/- spessertine garnet, most note-worthy will be described in structure table



Hole Number	Hole Number TPK-10-010			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	Тс (т	o 1)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)

159.91 160.20 APL Aplite Dike

small apalite dyke, sharp contacts 30TCA, aphanitic matrix with small biotite phenos, sugary texture, moderate hematite staining

160.20 213.00 QMON Quartz Monzonite

leuco grantite with occasional clusters of biotite shear lamelae mostly at 20-30TCA, very few at 45-60TCA, trace fg diss py, +/- spessertine garnet, most note-worthy will be described in structure table

213.00 249.00 QMON Quartz Monzonite

leuco grantite with occasional clusters of biotite shear lamelae mostly at 45-60TCA with a few sub-parallel to core axis, trace fg diss py, weak sericite alt along microfractures/shears, few qtz stringers within shears up to 1cm wide



Hole Number	r TF	PK-10-010	Project: TPK ROWLANDSON LAKE Pr	ject Number:	001			
From (m)		To (m)	Lithology Sample # From To Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)



DRILL HOLE REPORT

Hole Number TPK-10	-011			Project	: TPK F	OWLANDSON LAKE				Project Number:	001
Drilling		Casing		Core				Location		Other	
Azimuth:	360	Length:	0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-70	Pulled:		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	234	Capped:		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:		Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:	
Completed:										Surveyed:	
Logged:	16-Feb-11									Surveyed by:	
Comment:						Coordinate - Gemcom		Coordinate - UT	м	Geophysics:	
•••••						East:	0	East:	442180	Geophysic Contractor:	
						North:	0	North:	5812250	Left in hole:	
						Elev.:	0	Elev.:	244	Making water:	
								Zone: 16N	NAD: NAD83	Multi shot surv	ey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 360.00
 -70.00
 C
 ✓



Hole Number	TPK-10-01	1			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)			Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	13.00	CAS	Casing											

13.00 43.80 QMON Quartz Monzonite

leucogranite, weak-moderate hematite staining, weakly foliated 50TCA, occasional chlor filled fractures at various degrees, few clusters of biotite shear lamelae, little mafic content less than 10%, occasional open fractures with a yellow possibly water staining.

43.80 44.70 SCHS Sericite Schist

moderate shear, moderate sericite alt, sheared 40TCA, dk grey with green/yellow sericite alt, sharp LC at 40TCA, gradational UC, 1% fg diss py+po, few tiny orangy-pink round spessertine garnets

44.70 51.58 QMON Quartz Monzonite

leucogranite, weak-moderate hematite staining, weakly foliated 50TCA, occasional chlor filled fractures at various degrees, few clusters of biotite shear lamelae, little mafic content less than 10%, occasional open fractures with a yellow possibly water staining.



Hole Number	TF	PK-10-011		Project:	TPK ROWLANDSON LAKE					Project Nu	umber:	001			
From (m)		To (m)	Lithology		Sample #	F	rom	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

51.58 51.88 SCHS Sericite Schist

grey-green, fg, moderate shear, moderate sericite alt, sheared 40TCA, sharp contacts at 40TCA, 1% fg diss and blebby py+po, few tiny orangy-pink round spessertine garnets, few irreg qtz stringers, chlor within fractures

51.88 53.05 **QMON** *Quartz Monzonite*

leucogranite, weak-moderate hematite staining, weakly foliated

53.05 53.37 SCHS Sericite Schist

grey-green, fg, moderate shear, moderate sericite alt, sheared 40TCA, sharp contacts at 40TCA, 0.5% fg diss py+po, few tiny orangy-pink round spessertine garnets, few irreg qtz stringers



Hole Number	TPK-10-011	1		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
53.37	57.59	QMON	Quartz Monzonite										

leucogranite, weak-moderate hematite staining, weakly foliated

57.59 62.20 SCHS Sericite Schist patchy sericite alt shear, sheared at 40TCA, patches of moderate sericite shear with patches of unaltered

leuco granite, few moderate shears have gradational contacts, 0.5-1% py+po, few spessertine garnet, moderate shears noted in structure table

62.20 65.00 QMON Quartz Monzonite

leucogranite, weak-moderate hematite staining, weakly foliated

65.00 72.57 SCHS Sericite Schist

strongly sheared, sheared 60TCA, strong sericite alt, patchy qtz flooding, 2-5% fg diss py+po, trace aspy within qtz stringer/vn, abundant spessertine garnet mostly associated with weaker sericite alt sections, few sections of weakly sericite alt granite, UC gradational, LC sharp 70TCA and an open fracture. more details



Hole Number	TPK-10-01	1		Project:	TPK ROWLANDSON LAKE					Project Number:	00	01			
From (m)	To (m)		Lithology			Sample #	From	То	Length	Ag (ppn)	4g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		in structure table													

72.57 95.20 QMON Quartz Monzonite

leucogranite, weak-moderate hematite staining, weakly foliated

95.20 97.07 SCHS Sericite Schist

sericite shear, same as seen above, strong sericite alt, light green-yellow, strong shear 35-40TCA, few qtz stringers up to 1cm wide, gradational contacts, 0.5% fg diss py+po mostly associated with qtz stringers, very few spessertine garnets

97.07 101.60 **QMON** *Quartz Monzonite*

leucogranite, weak-moderate hematite staining, weakly foliated



Hole Number	TPK-	10-011		Project:	TPK ROWLANDSON LAKE					Project Number:	00	1			
From (m)	To (m)		Lithology			Sample #	From	То	Length	Ag (ppm	A) (\g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

101.60 105.68 SCHS Sericite Schist

strong shear, sheared 50TCA, strong sericite alt, yellow-light green in colour, same as seen above, gradational contacts, several qtz stringers up to 1cm wide, qtz vn 103.34-103.93m, 1% fg diss and cubic py+po throughout

105.68 112.00 **QMON** *Quartz Monzonite*

pink leuco granite, moderate hematite staining, occasional qtz stringers, stringers up to 2cm wide, stringers are at various orientations but mostly 90TCA, few chlor filled fractures, very few biotite shear lamelae at various orientations, trace fg diss py

112.00 154.05 QMON Quartz Monzonite

leucogranite, weak-moderate hematite staining, weakly foliated

154.05 155.40 APL Aplite Dike



Hole Number	TPK-10-011		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		apalite dyke, fg, pink, moderate hematite alt, UC 40TCA, LC 60TCA										

155.40 199.26 **QMON** *Quartz Monzonite*

leucogranite, weak-moderate hematite staining, weakly foliated

 199.26
 200.13
 APL
 Aplite Dike

 apalite dyke, fg, pink, moderate hematite alt, sharp 80TCA contacts, sugary texture

200.13 206.75 **QMON** *Quartz Monzonite* leucogranite, weak-moderate hematite staining, weakly foliated



Hole Number	TPK-10-011			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)		Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
206.75	219.51	GABB Mafic flow, f contacts, U(<i>Gabbro</i> ig, green, massive, occasional carb stringers, moderate ch C 60TCA and sheared/baked/amphibolitized until 208.6m,	nlor alt, trace fg o LC irregular and	diss py, baked d intermixed with								

granite at 30TCA, sheared/baked/amphibolitized from 218.7-219.51m

219.51 234.00 **QMON** *Quartz Monzonite*

leucogranite, weak-moderate hematite staining, weakly foliated 50TCA, occasional chlor filled fractures at various degrees, few clusters of biotite shear lamelae, little mafic content less than 10%, occasional open fractures with a yellow possibly water staining



DRILL HOLE REPORT

Hole Number	FPK-10-012			Project	TPK ROWLANDSO	N LAKE			Project Number: 001
Drilling		Casing		Core			Location		Other
Azimuth:	40	Length:	0	Dimension:	BQ		Township:	WAPITOTEM	Logged by:
Dip:	-50	Pulled:		Storage:	ROWLANDS		Claim No.:		Relog by:
Length:	113.5	Capped:		Section:			NTS:	43D/05	Contractor:
Started:	12-Dec-10	Cemented:		Hole Type	DD		Hole:	SURFACE	Spotted by:
Completed:	15-Dec-10								Surveyed:
Logged:	16-Dec-10								Surveyed by:
Comment:					Coordinate	- Gemcom	Coordinate - U	ſM	Geophysics:
Commond					East:	0	East:	442450	Geophysic Contractor:
					North:	0	North:	5811805	Left in hole:
					Elev.:	0	Elev.: Zone: 16N	259 NAD: NAD83	Making water: Multi shot survey:

Deviation Tests

 Distance
 Azimuth
 Dip
 Type
 Good
 Comments

 0.00
 40.00
 -50.00
 C
 ✓



Hole Number	TPK-10-012				Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)			Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	18.00	CAS	Casing	e alt leucogranite boulders										

18.00 33.50 LGR Leucogranite

Leucogranite? sheared and stretched parallel to core axis, fg, white and black, patchy weak hematite alt, trace fg diss py throughout

33.50 37.00 LGR Leucogranite

Leucogranite? sheared and stretched parallel to core axis, fg, white, black and green, patchy weak hematite alt, trace fg diss py throughout, greenish tint caused by moderate chlor alt and weak sericite alt, gradational contacts, blocky fractured core

37.00 113.50 LGR Leucogranite

Leucogranite? sheared and stretched parallel to core axis, fg, white and black, patchy weak hematite alt, trace fg diss py throughout, increase in qtz content than above granite, occasional irregular shaped qtz blobs



Hole Number	lumber TPK-10-012				TPK ROWLANDSON LAKE				Project N	umber:	001			
From (m)	T (1	To (m)	Lithology		Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)



Hole Number	TPK-11-005				Project:	TPK ROWLANDSON LAK	E				Project Number:	001			
From (m)	To (m)		Litho	blogy			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
198.55	203.80	QMON	Quartz Monzonite												

BLACK AND WHITE; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL BIOTITE STRINGERS; VERY TRACE FG DISS PY

203.80 204.10 APL Aplite Dike

APLITE DYKE; DK GREY; VERY WEAK CHLOR ALT; BIOTITE AND FELDSPAR PHENOS; PORPHYRITIC TEXTURE; SHARP 80TCA CONTACTS; NOT MINERALIZED

204.10 226.50 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL BIOTITE STRINGERS; VERY TRACE FG DISS PY; SEVERAL 2-5CM WIDE LIGHT GREY-VERY LIGHT GREEN APLITE DYKES

226.50 226.65 SHR Shear

SHEARED 70TCA; CHLOR ALT; WEAK CARB ALT; TRACE FG DISS PY; UC 50TCA; LC GRADATIONAL



Hole Number	r TP	PK-11-005		Project:	TPK ROWLANDSON LAKE					Project Number:	001				
From (m)	(To (m)	Litholog	У		Sample #	From	То	Length	Ag (ppr	Ag) (%	y2 A 6)	Agol (%)	Au (g/t)	Au2 (g/t)

226.65 255.75 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL BIOTITE STRINGERS; VERY TRACE FG DISS PY; SEVERAL 2-5CM WIDE LIGHT GREY-VERY LIGHT GREEN APLITE DYKES

255.75 256.15 SHR Shear SHEARED 30TCA; CHLOR ALT THROUGHOUT AND WITHIN OPEN AND CLOSED FRACTURES; FEW QTZ BLEBS; TRACE FG DISS PY; WEAK CARB ALT; FRACTURED

256.15 264.90 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL BIOTITE STRINGERS; VERY TRACE FG DISS PY



Hole Number	TP	PK-11-005		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	1 (1	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

264.90 265.35 SHR Shear

SHEARED 75TCA; SHARP CONTACTS AT 75TCA; WEAK CARB AND CHLOR ALT; TRACE FG DISS PY

265.35 278.30 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL BIOTITE STRINGERS; VERY TRACE FG DISS PY

278.30 278.90 APL Aplite Dike

APLITE DYKE; PINK; MODERATE HEMATITE ALT; FRACTURED PARALLEL TO CORE AXIS; TRACE FG DISS PY; UC IRREGULAR BUT APPROX 70TCA; LC 60TCA



Hole Numbe	er TPK-11-0	95 Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From	То						Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology	Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
		BLACK AND WHITE; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASION/ STRINGERS; VERY TRACE FG DISS PY	AL BIOTITE								

305.95 306.10 APL Aplite Dike

DARK GREY; FELDSPAR AND BIOTITE PHENOS; SHARP 70TCA CONTACTS

306.10 318.00 QMON Quartz Monzonite

BLACK AND WHITE WITH A PINK TINT; FG-MG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL BIOTITE STRINGERS; VERY TRACE FG DISS PY; WEAK TO MODERATE HEMATITE ALT



Hole Number	TPK-11-013			Project:	TPK ROWLANDSON LAKE					Project Number	001			
From (m)	To (m)		Litholog	y		Sample #	From	То	Length	A g (pp)	n Ag2 1) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.00	CAS Casing CASING PUSHED TO 10	DM; QTZ MONZONITE BO	ULDERS										
10.00	11.80	QMON Quartz I QTZ MONZONITE, WHI EUHEDRAL TO AMORP	Monzonite TE AND BLACK SPECKLE HOUS; MASSIVE; UNALT	D, VARIBLY CRYSTALIZED FELD ERED; HIGH BIOTITE/MAFIC CON	SPARS FROM ITENT; LC SHARP	J594000	11.00	11.80	0.80		-	-	-	-
11.80	12.50	SHR Shear SHEARED QTZ MONZO SMALL HAIRLINE QTZ S	NITE; SHEARED 70TCA; STRINGERS NEAR UC; IN	SHARP UC; GRADATIONAL LC; 1- ICREASE IN MAFIC CONTENT	-2% FG DISS PY;	J594001 J594002	11.80 12.15	12.15 12.50	0.35 0.35		-	-	-	-
		<i>Mineralization Maj. :</i> 11.80 - 12.50	Type/Style/%Mineral PY DIS 1	<i>Comment</i> 1-2% WITHIN SHEAR AND QTZ	STRINGERS									
		<i>Structure Maj.:</i> 11.80 - 12.50	Type/Core Angle SHR 70	<i>Comment</i> MODERATE TO STRONG SHEAF	R									



Hole Number	TPK-11-013	Project: TPK ROWLANDSON LA	KE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppr	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
12 50	18.00	QMON Quartz Monzonite	1594003	12 50	13.00	0.50					
12.00	10.00	QTZ MONZONITE. WHITE AND BLACK SPECKLED. VARIBLY CRYSTALIZED FELDSPARS FROM	1594003	12.00	14.00	1.00		_	-	_	_
		EUHEDRAL TO AMORPHOUS; MASSIVE; UNALTERED; HIGH BIOTITE/MAFIC CONTENT; UC	1594004	14.00	14.00	1.00			_		
		GRADATIONAL WITH ABOVE SHEAR	J594005	14.00	17.00	1.50		_		_	_
			J594006	15.50	17.00	1.50		-	-	-	-
			J594007	17.00	18.00	1.00		-	-	-	-
18.00	18.37	APLAplite DikeAPLITE DYKES; 2 SMALL APLITE DYKES CROSSCUTTING QTZ MONZONITE; UC SHARP 60TCA;LC SHARP 60; GREY; APHANITIC; SUGARY TEXTURE; SMALL PATCH OF QTZ MONZONITEBETWEEN 2 SMALL DYKES; BROKEN CORE; VERY WEAK FOLIATION WITHIN DYKES AT APPROX60TCA; NOT MINERALIZED	J594008	18.00	18.50	0.50		-	-	-	-
18.37	20.88	QMON Quartz Monzonite SAME AS ABOVE QTZ MONZONITE	J594009 J594010	18.50 20.00	20.00 20.88	1.50 0.88		-		-	-
20.88	21.37	SHRShearMODERATE SHEAR; SHEARED PARALLEL TO 30TCA; SHEARING OFFSET BY QTZ FLOODING; 0.5- 1% FG DISS PY WITHIN SHEAR AND QTZ; TRACE EUHEDRAL PY WITHIN SURROUNDING QTZ	J594011	20.88	21.38	0.50		-	-	-	-



Hole Number	TPK-11-013			Project: TPK RO	WLANDSON LAKE					Project Num	ber:	001			
From (m)	To (m)			у 60ТС А	Sa	mple #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		<i>Mineralization Maj. :</i> 20.88 - 21.37	Type/Style/%Mineral PY DIS 0.5	Comment											
		<i>Structure Maj.:</i> 20.88 - 21.37	Type/Core Angle SHR 30	<i>Comment</i> PARALLEL TO 30TCA											
21.37	22.70	QMON Quartz SAME AS ABOVE QTZ	z Monzonite Z MONZONITE		J5	594012	21.38	22.70	1.32			-	-	-	
22.70	23.35	SHR Shear WEAK TO MODERATE OFFSETTING SHEARI	E SHEARED QTZ MONZON NG; CARB STRINGER AT	IITE; SHEARED 50TCA; HAIRLINE CARB S 20TCA; 1% FG DISS PY WITHIN SHEAR;	J5 TRINGER	594013	22.70	23.35	0.65			-	-	-	-
		GRADATIONAL CONT	ACTS	O ommon(
		22 70 - 23 35	CARB VN W		ING										
		<i>Mineralization Maj. :</i> 22.70 - 23.35	Type/Style/%Mineral PY DIS 1	Comment											
		Structure Maj.: 22.70 - 23.35	Type/Core Angle SHR 50	Comment											



Hole Number	TPK-11-013			Project: TPK ROWLANDSON	LAKE				Project Number:	001			
From (m)	To (m)		Litholo	עע	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
23.35	29.60	QMON Qua	artz Monzonite		J594014	23.35	24.50	1.15		-	-	-	_
		SAME AS ABOVE O	QTZ MONZONITE		J594015	24.50	26.00	1.50		-	-	-	-
					J594016	26.00	27.00	1.00		-	-	-	-
					J594017	27.00	28.00	1.00		-	-	-	-
					J594018	28.00	29.00	1.00		-	-	-	-
					J594019	29.00	29.60	0.60		-	-	-	-
29.60	30.86	SHR She	ear		1594020	29.60	30.10	0.50		_	_	_	_
20100	00100	WEAK TO MODER	ATE SHEARED QTZ MONZO	NITE; LOW ANG TO PARALLEL QTZ STRINGER; IN	.1594021	30.10	30.46	0.36		-	-	_	-
		MIDDLE OF SHEAF TRACE FG DISS P` STRINGER; GRADA	R CORE IS VERY BLOCKY; S Y WITHIN SHEARED QTZ MC ATIONAL CONTACTS	HEARED 50TCA; QTZ STRINGER UP TO 2CM WIDE; INZONITE AND ALONG MARGINS OF QTZ	J594022	30.46	30.86	0.40		-	-	-	-
		<i>Structure Maj.:</i> 29.60 - 30.86	<i>Type/Core Angle</i> SHR 50	<i>Comment</i> WEAK TO MODERATE SHEARING									
30.86	33.66		artz Monzonite		J594023	30.86	32.00	1.14		-	-	-	-
		SAME AS ABOVE C			J594024	32.00	33.00	1.00		-	-	-	-
					J594026	33.00	33.66	0.66		-	-	-	-
33.66	34.44	SHR She	ear		J594027	33.66	34.44	0.78		-	-	-	-
		WEAKLY SHEAREI TRACE FG DISS P	D QTZ MONZONITE WITH SE Y; WEAKLY SHEARED 45TC/	VERAL SMALL QTZ STRINGERS; WEAK CARB ALT; A; GRADATIONAL CONTACTS									



Hole Number	TPK-11-013			Project: TPK	ROWLANDSON LAKE				Project Num	ber: 0	001			
From (m)	To (m)		Litholog	y	Sampl	e # From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		<i>Mineralization Maj. :</i> 33.66 - 34.44	Type/Style/%Mineral PY DIS 0.01	<i>Comment</i> TRACE										
		<i>Structure Maj.:</i> 33.66 - 34.44	Type/Core Angle SHR 45	Comment										
34.44	41.12	QMON Quartz	Monzonite		.15940	28 34 4	14 35.00	0.56			_	-	_	<u>-</u>
-		SAME AS ABOVE QTZ	MONZONITE; VERY SMA	L QTZ VNS UP TO 3CM AT 80- 90TCA	J5940	29 35.0	0 36.00	1.00			-	-	-	-
					J5940	30 36.0	0 37.00	1.00			-	-	-	-
					J5940	31 37.0	00 37.50	0.50			-	-	-	-
					J5940	32 37.5	50 38.50	1.00			-	-	-	-
					J5940	33 38.5	50 40.00	1.50			-	-	-	-
					J5940	34 40.0	41.00	1.00			-	-	-	-
41.12	41.38	VQTZ Quartz SMALL QTZ VN; WHITI SMALL PY BLEB IN MI	Vein E QTZ; WEAK CARB ALT; DDLE OF VN; SHARP 25T(WEAK ANKERITE ALT ALONG MARGII CA UC; LC BROKEN CORE	J5940 NS; ONE	35 41.0	00 41.50	0.50			-	-	-	-
41.38	44.10	QMON Quartz	Monzonite		J5940	36 41.5	50 42.50	1.00			-	-	-	-
		SAME AS ABOVE QTZ	MONZONITE		J5940	37 42.5	50 44.00	1.50			-	-	-	-



Hole Number	TPK-11-013			Project	TPK ROWLANDSON LAK	Έ				Project Number:	001			
From (m)	To (m)		Litholog	y		Sample #	From	То	Length	Ag (ppr	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
44.10	44.40	APL Aplite D APLITE DYKE CROSSO SUGARY TEXTURE;VE	Dike CUTTING QTZ MONZONITI RY WEAK HEMATITE ALT	E; CONTACTS IRREG SHAPE ALONG FRACTURES; NOT I	ED; GREY; APHANITIC; MINERALIZED	J594038	44.00	44.50	0.50		-	-	-	-
44.40	54.30	QMON Quartz SAME AS ABOVE QTZ	<i>Monzonite</i> MONZONITE			J594039 J594040 J594041 J594042 J594043	44.50 45.50 47.00 48.50 50.00	45.50 47.00 48.50 50.00 51.50	1.00 1.50 1.50 1.50 1.50				- - -	
54.30	55.20	SHR Shear				J594044 J594045 J594046	51.50 53.00 54.30	53.00 54.30 54.70	1.50 1.30 0.40		-	- -	-	- -
		STRONG SHEAR; SHE BLACK; 1-2% FG DISS <i>Mineralization Maj. :</i> 54.30 - 55.20 <i>Structure Maj.:</i>	ARED 80-90TCA; SEVERA PY; CONTACTS GRADATI Type/Style/%Mineral PY DIS 2 Type/Core Angle	L SMALL HAIRLINE QTZ STF ONAL; VERY WEAK CARB A <i>Comment</i> <i>Comment</i>	RINGERS; DK GREY- LT	J594047	54.70	55.20	0.50		-	-	-	-



Hole Number TPK-11-013				Project: TPK ROWLANDSON LAKE					Project Number: 001							
From (m)	То (т)			Lithology			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
55.20	55.65	QMON SAME AS A	<i>Quartz Monzonite</i> ABOVE QTZ MONZONITE				J594048	55.20	55.60	0.40			-	-	-	-

55.65 55.70 APL Aplite Dike

APLITE DYKE CROSSCUTTING QTZ MONZONITE; CONTACTS SHARP 90; GREY; APHANITIC; SUGARY TEXTURE; NOT MINERALIZED

55.70	69.10	QMON Qua	rtz Monzonite		J594049	55.60	56.00	0.40	-	-	-	-
		WEAK PATCHY SHE	EARING; WEAKLY SHEARED	J594051	56.00	57.00	1.00	-	-	-	-	
				•	J594052	57.00	58.00	1.00	-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594053	58.00	59.00	1.00	-	-	-	-
		62.35 - 62.75	CHL P M		J594054	59.00	60.00	1.00	-	-	-	-
		<i>Mineralization Maj. :</i> 55.70 - 69.10	Type/Style/%Mineral PY DIS 0.01	Comment	J594055	60.00	61.00	1.00	-	-	-	-
					J594056	61.00	62.20	1.20	-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594057	62.20	62.60	0.40	-	-	-	-
		55.70 - 62.75	SHR 50		J594058	62.60	63.00	0.40	-	-	-	-
		62.75 - 62.88	VN 50	QTZ FLOODING; BROKEN CORE	J594059	63.00	64.00	1.00	-	-	-	-
					J594060	64.00	65.00	1.00	-	-	-	-
					J594061	65.00	66.00	1.00	-	-	-	-


Hole Number	e Number TPK-11-013		Project: TPK ROWI	ANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
	. ,			J594062	66.00	67.00	1.00		-	-	-	-
				J594063	67.00	68.00	1.00		-	-	-	-
				J594064	68.00	69.10	1.10		-	-	-	-
69.10	91.50	QMON Quartz Monzonite		J594065	69.10	70.00	0.90		-	-	-	-
		NORMAL QTZ MONZONITE; UNALTERD AND NOT SHEARED		J594066	70.00	71.00	1.00		-	-	-	-
				J594067	71.00	72.50	1.50		-	-	-	-
				J594068	72.50	73.00	0.50		-	-	-	-
				J594069	73.00	74.00	1.00		-	-	-	-
				J594070	74.00	75.50	1.50		-	-	-	-
				J594071	75.50	77.00	1.50		-	-	-	-
				J594072	77.00	78.50	1.50		-	-	-	-
				J594073	78.50	80.00	1.50		-	-	-	-
				J594074	80.00	81.50	1.50		-	-	-	-
				J594076	81.50	83.00	1.50		-	-	-	-
				J594077	83.00	84.50	1.50		-	-	-	-
				J594078	84.50	86.00	1.50		-	-	-	-
				J594079	86.00	87.50	1.50		-	-	-	-
				J594080	87.50	89.00	1.50		-	-	-	-
				J594081	89.00	90.50	1.50		-	-	-	-
				J594082	90.50	91.50	1.00		-	-	-	-
91.50	91.90	SHR Shear WEAK-MODERATE SHEAR; SHEARED 50TCA; TRACE FG DISS PY;	GRADATIONAL CONTAC	J594083 TS	91.50	92.00	0.50		-	-	-	-



Hole Number	e Number TPK-11-013				Project:	TPK ROWLANDSON LAKE				Project Number:	001	1			
From (m)	То (т)			Lithology		Sample #	From	То	Length	Ag (ppr	A) (5	g2 / %)	Agol (%)	Au (g/t)	Au2 (g/t)
91.90	96.00	QMON SAME AS AB	Quartz Monzonite DVE			J594084 J594085 J594086	92.00 93.50 95.00	93.50 95.00 96.00	1.50 1.50 1.00			- -	- -	- - -	-

96.00 96.10 APL Aplite Dike

APLITE DYKE CROSSCUTTING QTZ MONZONITE; CONTACTS SHARP 90TCA; GREY; APHANITIC; SUGARY TEXTURE; NOT MINERALIZED

96.10	98.00	QMON	Quartz Monzonite	J594087	96.00	96.50	0.50	-	-	-	-
		SAME AS ABC	VE	J594088	96.50	98.00	1.50	-	-	-	-

98.00 98.20 APL Aplite Dike QTZ FLOODED APLITE DYKE CROSSCUTTING QTZ MONZONITE; UC SHARP 40TCA; LC SHARP 60; GREY; APHANITIC; SUGARY TEXTURE; WEAK CHLOR AND CARB ALT; TRACE FG DISS PY ALONG MARGINS



Hole Number TPK-11-013 Proje		Project: TPK ROWLANDSON LA	AKE				Project Numbe	r: 00 '	1			
From (m)	То (т)	Lithology	Sample #	From	То	Length	, (PI	g A m) (1	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)
98.20	99.34	QMON Quartz Monzonite	J594089	98.00	98.50	0.50			-	-	-	-
		SAME AS ABOVE	J594090	98.50	99.20	0.70			-	-	-	-
99.34	99.53	VQTZ Quartz Vein PATCHY QTZ; WHITE QTZ INTERMIXED WITH QTZ MONZONITE; IRREG SHAPED CONTACTS; SURROUNDING QTZ SLIGHTLY SHEARED 60TCA	J594091	99.20	99.70	0.50			-	-	-	-
99.53	103.15	QMON Quartz Monzonite SAME AS ABOVE	J594092 J594093 J594094	99.70 101.00 102.50	101.00 102.50 103.00	1.30 1.50 0.50			-	- - -	- - -	- - -



Hole Number	Hole Number TPK-11-013			Project:	TPK ROWLANDSON LAKE					Project Numb	er: 001	1			
From (m)	To (m)		Lithology			Sample #	From	То	Length	(p	l g A į om) (^s	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)
103.15	103.25	VQC	Qtz-Carb Vein			J594095	103.00	103.50	0.50			-	-	-	-
		QTZ-CARB	VN; SHARP CONTACTS AT 70TCA; TRACE F S; VERY WEAK HEMATITE ALT	G DISS PY; WEAK CHL	OR WITHIN										
103.25	105.15	QMON	Quartz Monzonite			J594096	103.50	104.00	0.50			-	-	-	-
		SAME AS A	BOVE			J594097	104.00	105.00	1.00			-	-	-	-

105.15 105.21 VQTZ Quartz Vein

SMALL QTZ STRINGER; SHARP 70TCA CONTACTS; MODERATE CARB ALT; CHLOR FILLED CROSSCUTTING FRACTURES; 1% FG DISS AND EUHEDRAL PY



Hole Number	e Number TPK-11-013 Proj			Project:	TPK ROWLANDSON LAKE					Project Numbe	er: 001	l			
From (m)	To (m)		Litholog	<i>IV</i>		Sample #	From	То	Length	A (p;	g Ag om) (%	g2 /	Agol (%)	Au (g/t)	Au2 (g/t)
105.21	132.76	QMON Quar	tz Monzonite	-		.1594098	105.00	105 50	0.50			-	-	-	-
		SAME AS ABOVE QT	Z MONZONITE; WEAK SHE	ARING/FOLIATION APPROX 55-60)TCA;	1594099	105.50	107.00	1.50			-	-	-	-
		OCCASSIONAL MAF	IC SUBROUNDED XENOLIT	HS		J594101	107.00	108.50	1.50			-	-	-	-
						J594102	108.50	110.00	1.50			-	-	-	-
						J594103	110.00	111.50	1.50			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment		J594104	111.50	113.00	1.50			-	-	-	-
		105.21 - 132.76	FOL 55	WEAK		J594105	113.00	114.50	1.50			-	-	-	-
						J594106	114.50	116.00	1.50			-	-	-	-
						J594107	116.00	117.50	1.50			-	-	-	-
						J594108	117.50	119.00	1.50			-	-	-	-
						J594109	119.00	120.50	1.50			-	-	-	-
						J594110	120.50	122.00	1.50			-	-	-	-
						J594111	122.00	123.50	1.50			-	-	-	-
						J594112	123.50	125.00	1.50			-	-	-	-
						J594113	125.00	126.50	1.50			-	-	-	-
						J594114	126.50	128.00	1.50			-	-	-	-
						J594115	128.00	129.50	1.50			-	-	-	-
						J594116	129.50	131.00	1.50			-	-	-	-
						J594117	131.00	132.50	1.50			-	-	-	-
132 76	145 00	SHR Shea	r			1594118	132 50	133 50	1.00			-	-	-	_
102.10	110.00	SHEARED QTZ MON	ZONITE; PATCHY MODERA	TE TO STRONG SHEARING; WISI	PY BIOTITE;	1594119	133.50	134.50	1.00			-	-	-	-
		SHEARED 80TCA; VE	ERY FEW WISPY BIOTITE F	RUNNING PARALLEL TO 30TCA; R	ARE CARB	1594120	134 50	135 50	1.00			-	-	-	_
		SCATTERED THROU	GHOUT; GRADATIONAL CO	ONTACTS	5 F I	.1594121	135 50	136 50	1.00			_	-	-	_
						.1594122	136.50	137 50	1.00			-	-	-	_
		Mineralization Maj. :	Type/Style/%Mineral	Comment		J594123	137.50	138.50	1.00			-	-	-	-
		132.76 - 145.00	PY DIS 1			1594124	138.50	139.50	1.00			-	-	-	_
		Structure Maj.:	Type/Core Angle	Comment		J594126	139.50	140.50	1.00			-	-	-	_
		132 76 - 145 00	SHR 80	MODERATE TO STRONG											



Hole Number	TPK-11-013	Project: TPK ROWLANDSON	I LAKE				Project Number	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppg)	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
	()		.1594127	140.50	141 50	1 00		-	-		_
			J594128	141.50	142.50	1.00		-	-	-	-
			J594129	142.50	143.50	1.00		-	-	-	-
			J594130	143.50	144.50	1.00		-	-	-	-
			J594131	144.50	145.50	1.00		-	-	-	-
145.00	150.60	QMON Quartz Monzonite	J594132	145.50	146.00	0.50		-	-	-	-
		SAME AS ABOVE QTZ MONZONITE; WEAK SHEARING/FOLIATION APPROX 55-60TCA;	J594133	146.00	147.50	1.50		-	-	-	-
		OCCASSIONAL MARIC SUBROUNDED XENOLITINS	J594134	147.50	149.00	1.50		-	-	-	-
			J594135	149.00	150.50	1.50		-	-	-	-
150.60	151.04	TON Tonalite POSSIBLE TONALITE DYKE; LOOKS LIKE QTZ MONZONITE WITH VERY LITTLE MAFIC CONTENT; SHARP CONTACTS; QTZ MONZONOTE IS FINER GRAINED AT CONTACTS; WHITE WITH LITTLE BLACK AND WHITE SPECKS; MOSTLY QTZ AND FELDSPAR MATRIX WITH TINY BIOTITE AND FELDSPAR PHENOS; CONTACTS 70TCA; NOT MINERALIZED	J594136	150.50	151.10	0.60		-	-	-	-
151.04	155.05	QMON Quartz Monzonite SAME AS ABOVE, NOT FOLIATED	J594137 J594138 J594139	151.10 152.00 153.50	152.00 153.50 155.00	0.90 1.50 1.50		- - -	- -	- -	- - -



Hole Number	r TPK-11-0		Project:	PK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

155.05 155.20 SHR Shear

STRONG SHEAR; CLUSTER OF BIOTITE; SHEARED 60TCA; MODERATE CHLOR ALT; 0.5% BLEBBY PY FOLLOWING SHEARING; SHARP CONTACTS 60TCA

Mineralization Maj. :	Type/Style/%Mineral	Comment
155.05 - 155.20	PY DIS 0.5	
Structure Maj.:	Type/Core Angle	Comment
155.05 - 155.20	SHR 60	

155.20	163.60	QMON Qu	artz Monzonite		J594140	155.00	155.50	0.50	-	-	-	-
		SAME AS ABOVE;	VERY WEAK HEMATITE ALT		J594141	155.50	156.50	1.00	-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594142	156.50	158.00	1.50	-	-	-	-
		155.20 - 163.60	HE P W		J594143	158.00	159.50	1.50	-	-	-	-
					J594144	159.50	161.00	1.50	-	-	-	-
					J594145	161.00	162.50	1.50	-	-	-	-
					J594146	162.50	163.00	0.50	-	-	-	-
					J594147	163.00	163.60	0.60	-	-	-	-
163.60	164.00	SHR Sh	lear		J594148	163.60	164.00	0.40	-	-	-	-
		STRONGLY SHEA 70TCA; SHARP LC	RED QTZ MONZONITE; STRC 50TCA; 1% FG DISS PY FOLI	NG HEMATITE ALT; SHEARED 50TCA; SHARP UC _OWING SHEARING; FEW EUHEDRAL PY								
		Alteration Maj:	Type/Style/Intensity	Comment								
		163.60 - 164.00	HE P MS									
		<i>Mineralization Maj</i> 163 60 - 164 00	.: Type/Style/%Mineral PN DIS 1	Comment								



Hole Number TPK-11-013			Project:	TPK ROWLANDSON LAKE	I				Project Number:	001					
From	То										Ag	Ag2	Agol	Au	Au2
(m)	(m)		Litholog	У			Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
		Structure Maj.:	Type/Core Angle	Comment											

Structure Maj.:	Type/Core Angle	Commen
163.60 - 163.61	UC 70	
163.61 - 163.99	SHR 50	
163.99 - 164.00	LC 50	

164.00 164.05 VQTZ Quartz Vein

5CM WIDE QTZ VN; WHITE QTZ; CHLOR AND SERICITE WITHIN FRACTURES; SHARP OPEN FRACTURE CONTACTS 50TCA; TRACE FG DISS PY

Alteration Maj:	Type/Style/Intensity	Comment
164.00 - 164.05	SER FF W	
164.00 - 164.05	CHL FF W	
Mineralization Maj. :	Type/Style/%Mineral	Comment
164.00 - 164.05	PY DIS 0.01	TRACE
Structure Maj.:	Type/Core Angle	Comment
164.00 - 164.01	UC 50	
164.04 - 164.05	LC 50	



Hole Number	TPK-11-013			Project: TPK ROWLANDSON	LAKE				Project Number:	001			
From (m)	To (m)		Litholog	<i>IV</i>	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
164.05	182.30	FRZ Fractul	re Zone		J594149	164.00	164.30	0.30		-	-	-	-
		FRACTURE ZONE; MO	DERATE TO STRONGLY	SHEARED QTZ MONZONITE; PATCHY STRONG	J594151	164.30	165.00	0.70		-	-	-	-
		HEMATITE ALT; VERY	BLOCKY CORE WITH RU	BBLE IN SPOTS; WEAK SERICITE ALT NEAR UC ON OPEN FRACTURES: UP TO 1% FG DISS PY	J594152	165.00	167.00	2.00		-	-	-	-
		THROUGHOUT; CHLO	R ALONG OPEN FRACTU	RES; MOST OPEN FRACTURES AT 50TCA; LC	J594153	167.00	167.70	0.70		-	-	-	-
		SHARP 65TCA		•	J594154	167.70	168.50	0.80		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594155	168.50	170.50	2.00		-	-	-	-
		164.05 - 168.50	HE P I		J594157	170.50	171.50	1.00		-	-	-	-
		168.50 - 172.50	HE PCH M		J594158	171.50	172.50	1.00		-	-	-	-
		172.50 - 176.65	HE PCH I		J594159	172.50	173.50	1.00		-	-	-	-
		176.65 - 182.30	HE P WM		J594160	173.50	174.50	1.00		-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment	J594161	174.50	175.50	1.00		-	-	-	-
		164.05 - 182.30	PY DIS 1		J594162	175.50	176.00	0.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594163	176.00	176.65	0.65		-	-	-	-
		164.05 - 182.29	SHR 50		J594164	176.65	177.50	0.85		-	-	-	-
		182.29 - 182.30	LC 50		J594165	177.50	178.50	1.00		-	-	-	-
					J594166	178.50	179.50	1.00		-	-	-	-
					J594167	179.50	180.50	1.00		-	-	-	-
					J594168	180.50	181.50	1.00		-	-	-	-
					J594169	181.50	181.90	0.40		-	-	-	-
					J594170	181.90	182.30	0.40		-	-	-	-
182.30	182.70	FLTG Fault G	ouge (Open)		J594171	182.30	182.70	0.40		-	-	-	-
		FAULT GOUGE; VERY LC 2CM WIDE QTZ VN FAULT GOUGE	BRITTLE/BLOCKY CORE ; WHITE QTZ; TRACE FG	; MOSTLY ALL CHLOR; FRACTURED AT 50TCA; AT DISS PY; ONE OPEN FRACTURE CONTAINS CLAY									
		Alteration Maj:	Type/Style/Intensity	Comment									

182.30 - 182.70 CHL P I



LITHOLOGY REPORT - Detailed -

Hole Number	TPK-11-013	3		Project: TPK ROWLANDSON L	AKE				Project Numb	er: 001			
From (m)	To (m)		Litholog	У	Sample #	From	То	Length	μ (ρ	lg Ag om) (%	12 Ago 5) (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.: 182.30 - 182.70	Type/Core Angle FLT 50	Comment									
182.70	186.96	FRZ Fractu FRACTURE ZONE; ST FRACTURED/SHEARE CHLOR ALONG OPEN STRINGERS; LC SHAI	Ire Zone RONGLY SHEARED QTZ N ED AT 50TCA; PATCHY ST I FRACTURES; 2% FG DIS RP 70TCA; LC OPEN FRAC	MONZONITE; VERY BLOCKY CORE; CORE RONG HEMATITE ALT; MODERATE SERICITE ALT; S PY THROUGHOUT; OCCASIONAL CARB TURE WITH CHLOR/CLAY FAULT GOUGE	J594172 J594173 J594174 J594176 J594177 J594178 J594179 J594180	182.70 183.50 184.00 184.50 185.00 185.50 186.00 186.50	183.50 184.00 184.50 185.00 185.50 186.00 186.50 186.96	0.80 0.50 0.50 0.50 0.50 0.50 0.50 0.46			 	- - - - -	
186.96	192.30	SCHS Sericia SERICITE SCHIST; OT WHITE QTZ; SHEARE FRACTURES; BLOCK' SECTIONS UP TO 1M TRACE MOLY NEAR U MERACU Alteration Maj: 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30 186.96 - 192.30	te Schist TZ FLOODED; 5-8% FG DIS D 60TCA; STRONG SERIC Y CORE; GRADATIONAL L WIDE BUT MOSTLY 30CM JC; SEVERAL SPECKS OF Type/Style/Intensity SIL PCH I CHL FF WM SER P S Type/Style/%Mineral ASP DIS 1 PY DIS 8	SS PY; 1% ASPY NEAR UC; SMOKEY GREY AND ITE ALT; PATCHY CHLOR ALT MOSTLY IN C FROM 194-196M; UC SHARP 70TCA; QTZ WIDE; SERICITE SEAMS WITHIN QTZ PATCHES; VG WITHIN QTZ VN AS DESCRIBED BELOW Comment	J594181 J594182 J594183 J594184 J594185 J594186 J594187 J594188 J594189 J594190 J594191	186.96 187.50 188.00 188.50 189.30 189.30 190.30 190.80 191.30	187.50 188.00 188.90 189.30 189.80 190.30 191.30 191.30 192.30	0.54 0.50 0.40 0.40 0.50 0.50 0.50 0.50 0.50 0.50 0.50					

400.00



Hole Number	TPK-11-013			Project: TPK ROWLANDSON	N LAKE				Project Num	nber: (001			
From (m)	To (m)		Litholog	у	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
192.30	193.15	VQTZ Quartz	Vein		J594192	192.30	192.80	0.50			-	-	-	-
		VG; QTZ FLOODED SE SEAMS/FRACTURES; 5 VG THROUGHOUT VN;	CTION OF SERICITE SCH 5-8% FG DISS PY WITHIN BLOCKY	IIST; WHITE AND GREY QTZ WITH SERICITE QTZ; SHEARED 60TCA; SEVERAL NUGGETS OF	J594193	192.80	193.30	0.50			-	-	-	-
		<i>Mineralization Maj. :</i> 192.30 - 193.15	Type/Style/%Mineral PY DIS 8	<i>Comment</i> VG NUGGETS THORUGHOUT VN										
		Structure Maj.:	Type/Core Angle	Comment										
		192.30 - 193.15	SHR 60											
193.15	196.00	SCHS Sericite	Schist		.1594194	193.30	193 80	0.50			_	_	_	<u>-</u>
		SERICITE SCHIST; QTZ	Z FLOODED; 5-8% FG DIS	S PY; 1% ASPY NEAR UC; SMOKEY GREY AND	J594195	193.80	194.30	0.50			-	-	-	-
		WHITE QTZ; SHEARED FRACTURES: BLOCKY) 60TCA; STRONG SERIC CORE: GRADATIONAL L	ITE ALT; PATCHY CHLOR ALT MOSTLY IN C FROM 194-196M: UC SHARP 70TCA: QTZ	J594196	194.30	194.80	0.50			-	-	-	-
		SECTIONS UP TO 1M V	VIDE BUT MOSTLY 30CM	WIDE; SERICITE SEAMS WITHIN QTZ PATCHES	J594197	194.80	195.30	0.50			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594198	195.30	195.80	0.50			-	-	-	-
		193.15 - 196.00	SER F S		J594199	195.80	196.20	0.40			-	-	-	-
		<i>Mineralization Maj. :</i> 193.15 - 196.00	Type/Style/%Mineral PY DIS 8	Comment										
		<i>Structure Maj.:</i> 193.15 - 196.00	Type/Core Angle SHR 60	Comment										



Hole Number	TPK-11-013	i		Project: TP	PK ROWLANDSON LAKE					Project Numl	oer: 001				
From (m)	To (m)		Litholog	IV.	Sam	ple #	From	То	Length	(Ад Ад орт) (9	g2 A 6)	Agol (%)	Au (g/t)	Au2 (g/t)
196.00	227.93	QMON	Quartz Monzonite		J594	4201	196.20	196.60	0.40			-	-	-	-
		QTZ MONZON	ITE; WEAKLY FOLIATED AT 60TC	A; WEAK PATCHY HEMATITE ALT; C	CROSSCUT BY J594	4202	196.60	197.00	0.40			-	-	-	-
		SEVERAL API	LITE DYKES AS SEEN BELOW		J594	4203	197.00	197.50	0.50			-	-	-	-
		Alteration Maj	: Type/Style/Intensity	Comment	J594	4204	197.50	198.00	0.50			-	-	-	-
		196.00 - 227.93	3 HE PCH W		J594	4205	198.00	198.50	0.50			-	-	-	-
					J594	4206	198.50	200.00	1.50			-	-	-	-
		Structure Maj.	: Type/Core Angle	Comment	J594	4207	200.00	201.50	1.50			-	-	-	-
		196.00 - 227.93	3 FOL 60		J594	4208	201.50	203.00	1.50			-	-	-	-
					J594	4209	203.00	204.50	1.50			-	-	-	-
					J594	4210	204.50	206.00	1.50			-	-	-	-
					J594	4211	206.00	207.50	1.50			-	-	-	-
					J594	4212	207.50	209.00	1.50			-	-	-	-
					J594	4213	209.00	210.50	1.50			-	-	-	-
					J594	4214	210.50	212.00	1.50			-	-	-	-
					J594	4215	212.00	213.50	1.50			-	-	-	-
					J594	4216	213.50	215.00	1.50			-	-	-	-
					J594	4217	215.00	216.50	1.50			-	-	-	-
					J594	4218	216.50	218.00	1.50			-	-	-	-
					J594	4219	218.00	219.50	1.50			-	-	-	-
					J594	4220	219.50	221.00	1.50			-	-	-	-
					J594	4221	221.00	222.50	1.50			-	-	-	-
					J594	4222	222.50	224.00	1.50			-	-	-	-
					J594	4223	224.00	225.50	1.50			-	-	-	-
					J594	4224	225.50	227.00	1.50			-	-	-	-
					J594	4226	227.00	227.90	0.90			-	-	-	-

227.93 228.13 APL Aplite Dike

GREY; FG; SHARP 60TCA CONTACTS; UNALTED



Hole Number TPK-11-013			Project:	TPK ROWLANDSON LAKE					Project Number	0	01			
From (m)	To (m)	Lithology		Sample	e #	From	То	Length	Ag (ppn	ı)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

228.13	228.60	QMON	Quartz Monzonite		J594227	227.90	228.80	0.90		-	-	-	-
		SAME AS AE	BOVE										

228.60	228.70	APL	Aplite Dike
		GREY; FO	; SHARP 60TCA CONTACTS; UNALTED

228.70	229.37	QMON	Quartz Monzonite
		SAME AS AB	OVE



Hole Number	TPK-11-013			Project:	TPK ROWLANDSON LAKE					Project Num	ber: (001			
From (m)	To (m)		Lithology			Sample #	From	То	Length	(Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
229.37	229.51	APL Aplite GREY; FG; SHARP 60	e <i>Dike</i> OTCA CONTACTS; UNALTED			J594228	228.80	230.00	1.20			-	-	-	-
229.51	243.70	QMON Quan	tz Monzonite			J594229	230.00	230.60	0.60			-	-	-	-
		SAME AS ABOVE; LE	SS HEMATTE ALT			J594230	230.60	231.50	0.90			-	-	-	-
						J594231	231.50	233.00	1.50			-	-	-	-
						J594232	233.00	234.50	1.50			-	-	-	-
						.1594234	234.50	237.50	1.50			-	_	-	-
						J594235	237.50	239.00	1.50			-	-	-	-
						J594236	239.00	240.50	1.50			-	-	-	-
						J594237	240.50	242.00	1.50			-	-	-	-
						J594238	242.00	243.00	1.00			-	-	-	-
						J594239	243.00	243.70	0.70			-	-	-	-
243 70	246 50	SHR Shea	r			150/2/0	243 70	244 20	0.50			_	_	_	_
240.70	240.00	MODERATELY SHEA	, RED QTZ MONZONITE; SHEARE	D 50TCA; QTZ PATCHES; \	WEAK-MOD	1594240	243.70	244.20	0.30			-	-	-	-
		CHLOR ALT; WEAK H	HEMATITE ALT; WEAK-MOD CAR	B ALT; 0.5-1% FG DISS PY	; CONTACTS	J594242	244.60	245.30	0.70			-	-	-	_
		GRADATIONAL	Turne/Stude/Interneity Con			J594243	245.30	245.90	0.60			-	-	-	-
			CARR E WM	nment		J594244	245.90	246.50	0.60			-	-	-	-
		243.70 - 246.50													
		243.70 - 246.50	CHL P WM												
		243.70 - 246.50	HE P W												
		243.70 - 246.50	SIL PCH WM QTZ	Z PATCHES											



				,						Project Number:	001			
From (m)	То (т)		Litholog	<i>ay</i>		Sample #	From	То	Length	Ag (ppm	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.: 243.70 - 246.50	Type/Core Angle SHR 50	Comment										
246.50	265.50	QMON Quart	tz Monzonite			J594245	246.50	248.00	1.50		-	-	_	-
		QTZ MONZONITE; VE	ERY WEAK HEMATITE ALT	; GRADATIONAL CONTACTS		J594246	248.00	249.50	1.50		-	-	-	-
						J594247	249.50	251.00	1.50		-	-	-	-
						J594248	251.00	252.50	1.50		-	-	-	-
						J594249	252.50	254.00	1.50		-	-	-	-
						J594251	254.00	255.50	1.50		-	-	-	-
						J594252	255.50	257.00	1.50		-	-	-	-
						J594253	257.00	258.50	1.50		-	-	-	-
						J594254	258.50	260.00	1.50		-	-	-	-
						J594255	260.00	261.50	1.50		-	-	-	-
						J594256	261.50	263.00	1.50		-	-	-	-
						J594257	263.00	264.50	1.50		-	-	-	-
						J594258	264.50	265.50	1.00		-	-	-	-
265.50	268.00	QMON Quart	tz Monzonite			1594259	265.50	266.00	0.50		-	_	-	-
		STRONGLY HEMATI	TE ALT QTZ MONZONITE V	VITH SEVERAL QTZ-CARB STRING	GERS/VNS; VNS	J594260	266.00	266.50	0.50		-	-	-	-
		UP TO 7CM; BRECCI	ATED ANGULAR FRAGMEN	NTS OF WALL ROCK WITHIN VNS	; VNS AT 25-	J594261	266.50	266.90	0.40		-	-	-	-
		Altoration Mai		Commont		J594262	266.90	267.50	0.60		-	-	-	-
				Comment		J594263	267.50	268.00	0.50		-	-	-	-
		203.30 - 206.00												



Hole Number	TPK-11-013	5		Project: TPK ROWLANDSO	N LAKE				Project Number	001			
From (m)	To (m)		Lithol	ogy	Sample #	From	То	Length	A ((pp)	Ag2 1) (%)	? Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.:	Type/Core Angle	Comment									
		265.75 - 266.00	VN 35	BX QTZ VN									
		267.00 - 267.05	VN 20	2CM WIDE BX QTZ VN									
		267.60 - 267.73	VN 35	7CM WIDE BX QTZ VN									
268.00	268.00 284.00	QMON Qua	rtz Monzonite		J594264	268.00	269.00	1.00		-	-	-	-
		QTZ MONZONITE; N	OT FOLIATED AS ABOVE	VERY WEAK HEMAITITE ALT WHICH DECREASES	J594265	269.00	270.50	1.50		-	-	-	-
		DOWNHOLE; 284m	EOH		J594266	270.50	272.00	1.50		-	-	-	-
					J594267	272.00	273.50	1.50		-	-	-	-
					J594268	273.50	275.00	1.50		-	-	-	-
					J594269	275.00	276.50	1.50		-	-	-	-
					J594270	276.50	278.00	1.50		-	-	-	-
					J594271	278.00	279.50	1.50		-	-	-	-
					J594272	279.50	281.00	1.50		-	-	-	-
					J594273	281.00	282.50	1.50		-	-	-	-
					J594274	282.50	283.00	0.50		-	-	-	-
					J594276	283.00	284.00	1.00		-	-	-	-



DRILL HOLE REPORT

Hole Number 1	FPK-11-014			Projec	t: TPK I	ROWLANDSON	ILAKE			Project Number	: 001
Drilling		Casing		Core				Location		Other	
Azimuth:	180	Length:	0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-70	Pulled:		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	321	Capped: yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	29-Jan-11	Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	02-Feb-11									Surveyed:	
Logged:	30-Jan-11									Surveyed by:	Sarah Miller
Comment:	Fracture zone intersected a	t 204 9-238 88m ⁻ small at	r vn from 238 88-239 06r	m at fault contac	·+·	Coordinate -	Gemcom	Coordinate - U	тм	Geophysics:	
comment.	fracture zone at 263-276; w	eak shearing throughout	- Wi Holli 200.00 200.00		, ,	East:	442323	East:	442323	Geophysic Contractor:	
						North:	5813531	North:	5813531	Left in hole:	
						Elev.:	247	Elev.:	251	Making water:	
								Zone: 16N	NAD: NAD83	Multi shot surv	yey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments
0.00	180.00	-70.00	С	\checkmark	
60.00	182.20	-70.20	F	\checkmark	
90.00	183.20	-69.80	F	\checkmark	
120.00	185.40	-70.30	F	\checkmark	
150.00	188.60	-70.10	F	\checkmark	
180.00	187.60	-69.90	F	\checkmark	
210.00	191.10	-70.20	F	\checkmark	
240.00	190.50	-70.10	F	\checkmark	
270.00	192.90	-70.00	F	\checkmark	
300.00	194.60	-70.10	F	\checkmark	
318.00	194.30	-69.90	F	\checkmark	



Hole Number	TPK-11-014			Project: TPK ROWLANDSON	LAKE				Project Numbe	r: 00)1			
From (m)	To (m)		Litholog	v	Sample #	From	То	Length	A (PF	д А эт) (4 g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	7.00	CAS Cas casing pushed to 7m	s ing 1											
7.00	14.44	QMON Qua QTZ MONZONITE; \	artz Monzonite WHITE AND BLACK; EUHEDR		J594277 J594278	7.00 8.00	8.00 9.00	1.00 1.00			-	-	-	-
		CRISTALS; VERI	TRACE FG DISS PY; OCCASI	JNAL CARB STRINGERS; LC FRACTURED	J594279	9.00	10.50	1.50			-	-	-	-
					J594280	10.50	12.00	1.50			-	-	-	-
					J594281 J594282	12.00 13.50	13.50 14.40	1.50 0.90			-	-	-	-
14.44	14.93	SHR She STRONG SHEAR; S CHLOR ALT; FRAC SHEARING; WEAK	ear SHEARED 50TCA; SHARP UC TURED; FEW SMALL QTZ STI CARB ALT	70TCA; GRADATIONAL LC 50TCA; MODERATE RINGERS; 0.5% FG DISS PY FOLLOWING	J594283	14.40	15.00	0.60			-	-	-	-
		<i>Mineralization Maj.</i> 14.44 - 14.93	: Type/Style/%Mineral PY DIS 0.5	Comment										
		Structure Maj.: 14.44 - 14.45 14.45 - 14.92 14.92 - 14.93	Type/Core Angle UC 70 SHR 50 LC 50	Comment										



Hole Number	TPK-11-014			Project: TPK ROWLANDSON	N LAKE				Project Number:	001			
From (m)	To (m)		Litholo	av	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
1/ 93	23.00	OMON Quart	tz Monzonite	<i></i>	1504294	15.00	16.00	1.00		-	-		
14.55	23.00	QTZ MONZONITE: SI	MILAR TO ABOVE QMON:	WEAKLY FOLIATED 50TCA: OCCASIONAL CARB	J594264	15.00	17.00	1.00					
		STRINGERS AND BIC	OTITE WISPS RUNNING P	ARALLEL TO 20TCA; RARE FG DISS PY	1594205	17.00	18.00	1.00		_	_	_	_
					1594280	18.00	10.00	1.00		_	_	_	_
					150/288	10.00	21.00	1.50		_	_	_	_
		Structure Maj.:	Type/Core Angle	Comment	1594280	21.00	21.00	1.50		_	_	_	_
		14.93 - 23.00	FOL 50		J594289 J594290	21.00	22.50	0.50		_	_	_	_
					3334290	22.50	23.00	0.50					
23.00	23.31	APL Aplite GREY; APHANITIC; S	e Dike SUGARY TEXTURE; UNAL ⁻	T; SHARP CONTACTS 50TCA	J594291	23.00	23.50	0.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment									
		23.00 - 23.01	UC 50										
		23.30 - 23.31	LC 50										
23.31	50.40	QMON Quart	tz Monzonite		J594292	23.50	24.00	0.50		-	-	-	-
		SAME AS ABOVE			J594293	24.00	25.50	1.50		-	-	-	-
					J594294	25.50	27.00	1.50		-	-	-	-
					J594295	27.00	28.50	1.50		-	-	-	-
		Structure Mai.:	Tvpe/Core Anale	Comment	J594296	28.50	30.00	1.50		-	-	-	-
		, 23.31 - 50.40	FOL 50		J594297	30.00	31.50	1.50		-	-	-	-
					J594298	31.50	33.00	1.50		-	-	-	-
					J594299	33.00	34.50	1.50		-	-	-	-
					1594301	34 50	36.00	1.50		-	-	-	-
					000-001	07.00	50.00	1.00					



Hole Number	TPK-11-014				Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)		Litholo	gy		s	Sample #	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
	. ,						J594302	36.00	37.50	1.50		-	-	-	
							J594303	37.50	39.00	1.50		-	-	-	-
							J594304	39.00	40.50	1.50		-	-	-	-
							J594305	40.50	42.00	1.50		-	-	-	-
							J594306	42.00	43.50	1.50		-	-	-	-
							J594307	43.50	45.00	1.50		-	-	-	-
							J594308	45.00	46.50	1.50		-	-	-	-
							J594309	46.50	48.00	1.50		-	-	-	-
							J594310	48.00	49.50	1.50		-	-	-	-
							J594311	49.50	50.40	0.90		-	-	-	-
50.40	50.54	APL Aplit SAME AS ABOVE; SI Structure Maj.: 50.40 - 50.41 50.53 - 50.54	e Dike HARP CONTACTS 55 Type/Core Angle UC 55 LC 55	Comment											

50.54	58.75	QMON	Quartz Monzonite	J594312	50.40	51.00	0.60	-	-	-	-	-
		SAME AS ABC	DVE	J594313	51.00	52.50	1.50	-	-	-	-	-
				J594314	52.50	54.00	1.50	-	-	-	-	-
				J594315	54.00	55.50	1.50	-	-	-	-	-
				J594316	55.50	57.00	1.50	-	-	-	-	-
				J594317	57.00	58.00	1.00	-	-	-	-	-
				J594318	58.00	58.60	0.60	-	-	-	-	-



Hole Number	TPK-11-014			Project: TP	K ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)		Litholog	<i>IV</i>	Sample #	From	То	Length	Ag (ppm	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
58.75	59.30	SHR Shear STRONG SHEAR 50T(CONTACTS 70TCA; 20 QTZ VN; WEAK-MODE	CA; FG; GREEN; STRONG 0CM QTZ VN IN MIDDLE O ERATE SERICITE ALT NEA	CHLOR ALT; SHARP OPEN FRACTU F SHEAR; TRACE FG DISS PY; CARE R MARGINS OF QTZ	J594319 RED 3 ALT WITHIN	58.60	59.40	0.80		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment									
		58.75 - 59.30	SER P WM										
		58.75 - 59.30	CHL P S										
		<i>Mineralization Maj. :</i> 58.75 - 59.30	Type/Style/%Mineral PY DIS 0.1	Comment									
		Structure Maj.: 58.75 - 58.76 58.76 - 59.29 59.29 - 59.30	<i>Type/Core Angle</i> UC 70 SHR 50 LC 70	Comment									
59.30	77.80	QMON Quarta	z Monzonite		J594320	59.40	60.00	0.60		-	-	-	-
		SAME AS ABOVE, WE	LART OLIATION SUICA		J594321	60.00	61.50	1.50		-	-	-	-
					J594322	63.00	64.50	1.50		-	-	-	-
		Structure Mai ·	Type/Core Angle	Comment	1594323	64 50	66.00	1.50		_	_	_	_
		59.30 - 76.00	FOL 50	comment	J594326	66.00	67.50	1.50		-	-	-	-
					J594327	67.50	69.00	1.50		-	-	-	-
					J594328	69.00	70.50	1.50		-	-	-	-
					J594329	70.50	72.00	1.50		-	-	-	-
					J594330	72.00	73.50	1.50		-	-	-	-
					J594331	73.50	75.00	1.50		-	-	-	-
					J594332	75.00	76.50	1.50		-	-	-	-



Hole Number	TPK-11-014			Project: TPK ROWLANDSON	LAKE				Project Numbe	r: 001			
From (m)	To (m)		Litholog	IV.	Sample #	From	То	Length	A (pp	g Ag m) (%	2 Agol	Au (g/t)	Au2 (g/t)
	()			•	J594333	76.50	77.50	1.00		_	-	-	-
77.80	79.15	APL Aplit	e Dike K TO MODERATE HEMATITI	- ALT: OCCASIONAL CHOR FILLED FRACTURES:	J594334	77.50	78.70	1.20		-	-	-	-
		LC SMALL QTZ VN;	SHARP 70TCA CONTACTS;	TRACE FG DISS PY	J594335	78.70	79.20	0.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment									
		77.80 - 79.15	HE P WM										
		Structure Maj.:	Type/Core Angle	Comment									
		77.80 - 77.81	UC 70										
		79.14 - 79.15	LC 70										
79.15	87.25	QMON Quai	rtz Monzonite		J594336	79.20	80.00	0.80		-	-	-	-
		SAME AS ABOVE; W	/EAK-MODERATE FOLIATE	D 50TCA; TRACE FG DISS PY	J594337	80.00	81.00	1.00		-	-	-	-
					J594338	81.00	82.50	1.50		-	-	-	-
					J594339	82.50	84.00	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594340	84.00	85.50	1.50		-	-	-	-
		79.15 - 87.25	FOL 50		J594341	85.50	86.50	1.00		-	-	-	-
					J594342	86.50	87.20	0.70		-	-	-	-
87 25	88 95	ΔΡΙ Δη/ιί	e Dike		150/3/3	87 20	88.00	0.80		_	-	_	_
01.20	00.00	SIMILAR TO ABOVE QTZ MONZONITE; U	; CG NEAR UC; MODERATE C SHARP 30TCA; HARD TO	HEMATITE ALT WHICH CONTINUES INTO THE TELL LC DUE TO HEMATITE ALT	J594344	88.00	89.00	1.00		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment									
		87.25 - 88.95	HE P M										



Hole Number	TPK-11-014			Project: TPK ROWLANDSON L	AKE				Project Num	ber:	001			
From (m)	To (m)		Litholog	уv	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.: 87.25 - 87.26	Type/Core Angle UC 30	Comment										
88.95	105.20	QMON Quai	rtz Monzonite		J594345	89.00	90.00	1.00			-	-	-	-
		SAME AS ABOVE			J594346	90.00	91.50	1.50			-	-	-	-
					J594347	91.50	93.00	1.50			-	-	-	-
					J594348	93.00	94.50	1.50			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594349	94.50	96.00	1.50			-	-	-	-
		88.95 - 105.20	FOL 50		J594351	96.00	97.50	1.50			-	-	-	-
					J594352	97.50	99.00	1.50			-	-	-	-
					J594353	99.00	100.50	1.50			-	-	-	-
					J594354	100.50	102.00	1.50			-	-	-	-
					J594355	102.00	103.50	1.50			-	-	-	-
					J594356	103.50	105.00	1.50			-	-	-	-
105.20	105.45	APL Aplit PINK; APHANITIC; M	te Dike 10DERATE HEMATITE ALT;	SIMILAR TO ABOVE; SHARP 30TCA CONTACTS	J594357	105.00	105.80	0.80			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment										
		105.20 - 105.45	HE P M											
		Structure Maj.:	Type/Core Angle	Comment										
		105.20 - 105.21	UC 30											
		105.44 - 105.45	LC 30											



Hole Number	TPK-11-014				Project:	TPK ROWLANDSON LAKE					Project Numb	oer:	001			
From (m)	То (m)	SAME AS ABOVE	Litholo	gy			Sample #	From	То	Length	6	Ag ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.: 105.45 - 106.10	Type/Core Angle FOL 50	Comment												
106.10	106.40	APL Aplit SAME AS ABOVE; SH	e Dike HARP 30TCA CONTACTS				J594358	105.80	106.50	0.70			-	-	-	-
		Structure Maj.: 106.10 - 106.11 106.39 - 106.40	<i>Type/Core Angle</i> UC 30 LC 30	Comment												
106.40	111.15	QMON Quar SAME AS ABOVE	tz Monzonite				J594359 J594360 J594361	106.50 108.00 109.50	108.00 109.50 111.00	1.50 1.50 1.50			- -	-	- -	-
		Structure Maj.: 106.40 - 111.15	Type/Core Angle FOL 50	Comment												

111.15 111.25 APL Aplite Dike

SAME AS ABOVE; SHARP 70TCA CONTACTS



Hole Number	TPK-11-014	ļ		Project: TPK ROWLANDSC	ON LAKE				Project Number	001			
From (m)	To (m)		Litholo	рду	Sample #	From	То	Length	Ag (ppn	Ag2)) (%)	2 Agol (%)	Au (g/t)	Au2 (g/t)
		<i>Structure Maj.:</i> 111.15 - 111.16 111.24 - 111.25	<i>Type/Core Angle</i> UC 70 LC 70	Comment									
111.25	119.50	QMON Qua SAME AS ABOVE	rtz Monzonite		J594362 J594363 J594364	111.00 111.55 112.70	111.55 112.70 114.00	0.55 1.15 1.30		-	-	- -	- -
		Structure Maj.: 111.25 - 119.50	Type∕Core Angle FOL 50	Comment	J594365 J594366 J594367 J594368	114.00 115.50 117.00 118.30	115.50 117.00 118.30 119.30	1.50 1.50 1.30 1.00		-	-	-	- - -
119.50	119.60	VQTZ Quar SMALL QTZ VN; WH CONTACTS; TRACE	rtz Vein ITE QTZ; WEAK CARB AL ⁻ FG DISS PY ALONG VN M	F; CHLOR ALONG VN MARGINS; SHARP 60TCA ARGINS; UC OPEN FRACTURE	J594369	119.30	119.80	0.50		-	-	-	-
		Structure Maj.: 119 50 - 119 51	Type/Core Angle	Comment									

119.59 - 119.60 LC 60



Hole Number	TPK-11-014	L		Project:	TPK ROWLANDSON LAKE					Project Number	001			
From (m)	To (m)		Litholog	v	Sá	ample #	From	То	Length	Aç (ppr	n Ag . 1) (%)	2 Agol	Au (g/t)	Au2 (g/t)
119.60	144 64	OMON Quartz	Monzonite	•	1	50/370	110.80	121.00	1 20			_	_	
110.00	144.04	SAME AS ABOVE; NOT		QMON		50/371	121.00	122.00	1.20		-	_	_	_
						504372	122.00	122.00	1.00		-	-	-	_
					1	504373	122.00	123.00	1.00		-	-	-	_
						594374	124.50	124.00	1.50		-	-	-	-
						594376	124.00	127.50	1.50		-	-	-	-
						594377	127.50	129.00	1.50		-	-	-	-
						594378	129.00	130.00	1.00		-	-	-	-
						594379	130.00	131.00	1.00		-	-	-	_
					ال	594380	131.00	132.00	1.00		-	-	-	-
					ل	594381	132.00	133.50	1.50		-	-	-	-
					J	594382	133.50	135.00	1.50		-	-	-	-
					J	594383	135.00	136.50	1.50		-	-	-	-
					J	594384	136.50	138.00	1.50		-	-	-	-
					J	594385	138.00	139.50	1.50		-	-	-	-
					بل	594386	139.50	141.00	1.50		-	-	-	-
					بل	594387	141.00	142.50	1.50		-	-	-	-
					J	594388	142.50	144.00	1.50		-	-	-	-
					بل	594389	144.00	144.50	0.50		-	-	-	-
144.64	145.20	VQTZ Quartz	Vein		بل	594390	144.50	144.90	0.40		-	-	-	-
		MODERATE SHEAR W CRENULATED SHEARI FRACTURED	ITH QTZ FLOODING; QTZ ING NEAR UC; TRACE TO	VN FROM 145-145.2M; SHEAR 0.5% FG DISS PY; SHARP UC	ED 60TCA; J: 70TCA; LC	594391	144.90	145.30	0.40		-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment										
		144.64 - 145.20	PY DIS 0.5											
		Structure Maj.:	Type/Core Angle	Comment										
		144.64 - 144.65	UC 70											

144.65 - 145.00

SHR 60



Hole Number	TPK-11-014	L			Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)		Litholog	y			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		145.00 - 145.20	VN												
145.20	163.05	QMON Quai	rtz Monzonite				.1594392	145 30	145 80	0.50		_	_	_	_
		SAME AS ABOVE; W	/EAK PATCHY FOLIATION/S	HEARING 60TCA			1594393	145.80	147.00	1 20		-	-	_	-
							J594394	147.00	148.50	1.50		-	-	_	-
							J594395	148.50	150.00	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment			J594396	150.00	151.50	1.50		-	-	-	-
		, 145.20 - 163.05	FOL 60				J594397	151.50	153.00	1.50		-	-	-	-
							J594398	153.00	154.50	1.50		-	-	-	-
							J594399	154.50	156.00	1.50		-	-	-	-
							J594401	156.00	157.50	1.50		-	-	-	-
							J594402	157.50	159.00	1.50		-	-	-	-
							J594403	159.00	160.50	1.50		-	-	-	-
							J594404	160.50	162.00	1.50		-	-	-	-
							J594405	162.00	163.00	1.00		-	-	-	-
163.05	163.35	MD Mafie GREEN; FG WITH M 50TCA; NOT MINER/	c Dike IED GR MAFIC CRYSTALS; M ALIZED	10DERATE CHLOR A	ALT; SHAR	P CONTACTS	J594406	163.00	163.50	0.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment											
		163.05 - 163.35	CHL P M												
		<i>Structure Maj.:</i> 163.05 - 163.06	Type/Core Angle UC 50	Comment											



Hole Number	TPK-11-014	l .		Project: TPK ROWLANDS	ON LAKE				Project Number:	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
163.35	182.90	QMON Quartz	Monzonite		J594407	163.50	165.00	1.50		-	-	-	
		SAME AS ABOVE; WE	AK PATCHY FOLIATION/S	HEARING 60TCA	J594408	165.00	166.50	1.50		-	-	-	-
					J594409	166.50	168.00	1.50		-	-	-	-
					J594410	168.00	169.50	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594411	169.50	171.00	1.50		-	-	-	-
		163.35 - 182.90	FOL 60		J594412	171.00	172.50	1.50		-	-	-	-
					J594413	172.50	174.00	1.50		-	-	-	-
					J594414	174.00	175.50	1.50		-	-	-	-
					J594415	175.50	177.00	1.50		-	-	-	-
					J594416	177.00	178.50	1.50		-	-	-	-
					J594417	178.50	180.00	1.50		-	-	-	-
					J594418	180.00	181.50	1.50		-	-	-	-
					J594419	181.50	182.90	1.40		-	-	-	-
182.90	200.00	SHR Shear			J594420	182.90	184.00	1.10		-	-	-	-
		MODERATELY SHEAR	ED QTZ MONZONITE; SH	EARED 50TCA; TRACE FG DISS PY; FEW	J594421	184.00	185.00	1.00		-	-	-	-
		SMALLER SECTIONS SHARP 60TCA	STRONGLY SHEARED WI	TH TRACE ASPY AND SHEARED 50-70TCA; LC	J594422	185.00	185.80	0.80		-	-	-	-
					J594423	185.80	186.30	0.50		-	-	-	-
		Mineralization Mai. :	Tvpe/Stvle/%Mineral	Comment	J594424	186.30	187.00	0.70		-	-	-	-
		182.90 - 186.00	PY DIS 0.01		J594426	187.00	188.00	1.00		-	-	-	-
		186.00 - 186.20	ASP DIS 0.01		J594427	188.00	189.00	1.00		-	-	-	-
		186.20 - 200.00	PY DIS 0.01		J594428	189.00	190.00	1.00		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594429	190.00	191.00	1.00		-	-	-	-
		182.90 - 200.00	SHR 50		J594430	191.00	192.00	1.00		-	-	-	-
					J594431	192.00	193.00	1.00		-	-	-	-
					J594432	193.00	194.00	1.00		-	-	-	-
					J594433	194.00	195.00	1.00		-	-	-	-
					J594434	195.00	196.00	1.00		-	-	-	-



Hole Number	umber TPK-11-014			Project: TPK ROWLANDSON I	LAKE				Project Nur	mber:	001			
From (m)	To (m)		Litholog	<i>y</i> y	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
					J594435	196.00	197.00	1.00			-	-	-	-
					J594436	197.00	198.00	1.00			-	-	-	-
					J594437	198.00	199.00	1.00			-	-	-	-
					J594438	199.00	200.00	1.00			-	-	-	-
200.00	200.00 201.20 MD <i>Mafic Dike</i> MAFIC DYKE AS SEEN ABOVE; MG; GREEN; MOD CHLOR ALT; SHA			OD CHLOR ALT; SHARP 60TCA; NOT MINERALIZED	J594439	200.00	201.20	1.20			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment										
		200.00 - 201.20	CHL P M											
		Structure Maj.:	Type/Core Angle	Comment										
		200.00 - 200.01	UC 60											
		201.19 - 201.20	LC 60											
201.20	204.90	SHR Shea	r		J594440	201.20	202.00	0.80			-	-	-	-
		SAME AS ABOVE; SH	HEARED 50TCA; SHARP 50	TCA LC; NOT HEMATITE ALT	J594441	202.00	203.00	1.00			-	-	-	-
					J594442	203.00	204.00	1.00			-	-	-	-
					J594443	204.00	204.90	0.90			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment										
		201.20 - 204.89	SHR 50											
	204.89 - 204.90 LC 50													



Hole Number	TPK-11-014			Project:	TPK ROWLANDSON LAK	E				Project Numbe	er: 001			
From (m)	To (m)		Litholog	ЭV		Sample #	From	То	Length	A (9)	lg Ag2 om) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
204.90	229.20	FRZ Fract	ture Zone			J594444	204.90	206.00	1.10		-	-	-	_
		FRACTURE ZONE; V	ERY BLOCKY CORE; STRO	ONG HEMATITE ALT; CHLOR AND	RARE GRAPHITE	J594445	206.00	207.00	1.00		-	-	-	-
		ALONG OPEN FRAC	TURE PLANES; SHEARED	50TCA; TRACE FG DISS PY; LC S	SHARP 40TCA	J594446	207.00	208.00	1.00		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment		J594447	208.00	209.00	1.00		-	-	-	-
		204.90 - 229.20	GRPH F W			J594448	209.00	210.00	1.00		-	-	-	-
		204.90 - 229.20	CHL F M			J594449	210.00	211.00	1.00		-	-	-	-
		204.90 - 229.20	HE P I			J594451	211.00	212.00	1.00		-	-	-	-
						J594452	212.00	213.00	1.00		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment		J594453	213.00	214.00	1.00		-	-	-	-
		204.90 - 229.19	SHR 50			J594454	214.00	215.00	1.00		-	-	-	-
		229.19 - 229.20	LC 40			J594455	215.00	215.50	0.50		-	-	-	-
						J594456	215.50	216.00	0.50		-	-	-	-
						J594457	216.00	217.00	1.00		-	-	-	-
						J594458	217.00	218.00	1.00		-	-	-	-
						J594459	218.00	219.00	1.00		-	-	-	-
						J594460	219.00	220.00	1.00		-	-	-	-
						J594461	220.00	221.00	1.00		-	-	-	-
						J594462	221.00	222.00	1.00		-	-	-	-
						J594463	222.00	223.50	1.50		-	-	-	-
						J594464	223.50	225.00	1.50		-	-	-	-
						J594465	225.00	226.00	1.00		-	-	-	-
						J594466	226.00	227.00	1.00		-	-	-	-
						J594467	227.00	228.00	1.00		-	-	-	-
						J594468	228.00	229.20	1.20		-	-	-	-
229.20	229.65	APL Aplite APLITE DYKE; FG; S	e Dike TRONG HEMATITE ALT; NO	DT MINERALIZED; SHARP CONT	ACTS 50TCA	J594469	229.20	229.65	0.45		-	-	-	-

Alteration Maj: Type/Style/Intensity Comment



Hole Number	TPK-11-014			Project: TPK ROWLANDSON L	AKE				Project Num	oer:	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	(Ag ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		229.20 - 229.65	HE P S											
		Structure Maj.:	Type/Core Angle	Comment										
		229.20 - 229.21	UC 50											
		229.64 - 229.65	LC 50											
220 65	229.65 238.88 FRZ Fracture Zone FRACTURE ZONE: VERY BLOCKY CON				1504470	000.05	004.00	4.05						
229.05	230.00		ILEDV BLOCKV CODE: STRO		J594470	229.65	231.00	1.35			-	-	-	-
		ALONG OPEN FRAC	CTURE PLANES; SHEARED 5	50TCA; TRACE FG DISS PY; LC SHARP 50TCA	J594471	231.00	232.00	1.00			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594472	232.00	233.00	1.00			-	-	-	-
		229.65 - 238.88	GRPH F W		J594473	233.00	234.00	1.00			-	-	-	-
				J594474	234.00	235.00	1.00			-	-	-	-	
		229.03 - 230.00			J594476	235.00	236.00	1.00			-	-	-	-
		229.65 - 238.88	HE P I		J594477	236.00	237.00	1.00			-	-	-	-
					J594478	237.00	238.00	1.00			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594479	238.00	238.70	0.70			-	-	-	-
		229.65 - 238.87	SHR 50											
		238.87 - 238.88	LC 50											
238.88	239.06	VQTZ Qua	rtz Vein		J594480	238.70	239.20	0.50			-	-	-	-
	QTZ VN; WHITE QTZ WITH STRONG HEMATITE AND CAUSING A BRECCIATED LOOK TO QTZ NI FRACTURES; 0.5% FG DISS PY; SHARP CONTA	ALT; STRONG CARB ALT WITHIN FRACTURES EAR UC; STRONG CHLOR ALT WITHIN CTS AT 50TCA AND OPEN FRACTURES												
		Alteration Maj:	Type/Style/Intensity	Comment										
		238.88 - 239.06	HE PCH S											



Hole Number	lumber TPK-11-014			Project: TPK ROWLANDSON	LAKE				Project Num	nber:	001			
From (m)	To (m)		Litholog	IV	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		238.88 - 239.06	CARB FF S											
		238.88 - 239.06	CHL FF S											
		<i>Mineralization Maj. :</i> 238.88 - 239.05	Type/Style/%Mineral PY DIS 0.5	Comment										
		<i>Structure Maj.:</i> 238.88 - 238.89 239.05 - 239.06	Type∕Core Angle UC 50 LC 50	Comment										
239.06	263.00	SHR Shear MODERATE TO STRO	NGLY SHEARED QTZ MO	NZONITE; SHEARED 50TCA; LESS HEMATITE ALT	J594481 J594482	239.20 240.00	240.00 241.00	0.80 1.00			-	-	-	-
		AS ABOVE; FEW PATO RARE SMALL PATCHE EUHEDRAL PY; LC GR	CHY SECTIONS WITH STE S OF QTZ UP TO 2CM WI ADATIONAL	RONG HEMATITE ALT; WEAK CARB STRINGERS; IDE BLOBS; UP TO 2% FG DISS PY AND	J594483	241.00 242.00	242.00 243.00	1.00			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594485	243.00	243.80	0.80			-	-	-	-
		248.00 - 250.00	HE P S	BLOCKY CORE	J594486	243.80	245.00	1.20			-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment	J594487	245.00	246.00	1.00			-	-	-	-
		239.06 - 263.00	PY DIS 2		J594488	246.00	247.00	1.00			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594489	247.00	248.00	1.00			-	-	-	-
		239.06 - 248.00	SHR 50		J594490	248.00	249.00	1.00			-	-	-	-
		248.00 - 250.00	F		J594491	249.00	250.00	1.00			-	-	-	-
		250.00 - 263.00	SHR 50		J594492	250.00	251.00	1.00			-	-	-	-
					J594493	251.00	252.00	1.00			-	-	-	-
					J594494	252.00	253.00	1.00			-	-	-	-
					J594495	253.00	254.00	1.00			-	-	-	-
					J594496	254.00	255.00	1.00			-	-	-	-
					J594497	255.00	255.50	0.50			-	-	-	-
					J594498	255.50	256.00	0.50			-	-	-	-



Hole Number	e Number TPK-11-014			Project: TPK ROWL	ANDSON LAKE				Project Number:	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
					J594499	256.00	257.00	1.00		-	-	-	-
					J594501	257.00	258.00	1.00		-	-	-	-
					J594502	258.00	259.00	1.00		-	-	-	-
					J594503	259.00	260.00	1.00		-	-	-	-
					J594504	260.00	261.00	1.00		-	-	-	-
					J594505	261.00	262.00	1.00		-	-	-	-
					J594506	262.00	263.00	1.00		-	-	-	-
262.00	076.00		ofuro 7000		150 4 50 7	000.00	004.00	4.00					
203.00	276.00	FRACTURE ZONE	BLOCKY CORE BUT LESS BL	OCKY THAN ABOVE ERACTURE ZONES: WE	J594507	263.00	264.00	1.00		-	-	-	-
		MODERATE PERVA	ASIVE HEMATITE ALT; GRAD	ATIONAL UC; TRACE FG DISS PY; WEAKLY	J594508	264.00	265.50	1.50		-	-	-	-
		SHEARED 50TCA			J594509	265.50	267.00	1.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594510	267.00	268.50	1.50		-	-	-	-
		263.00 - 276.00	HE P WM		J594511	268.50	270.00	1.50		-	-	-	-
					J594512	270.00	271.50	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594513	271.50	273.00	1.50		-	-	-	-
		263.00 - 276.00	SHR 50		J594514	273.00	274.50	1.50		-	-	-	-
					J594515	274.50	276.00	1.50		-	-	-	-
276.00	319.20	QMON Qua	artz Monzonite		J594516	276.00	277.50	1.50		-	-	-	-
		WEAKLY SHEARED	D/FOLIATED QTZ MONZONITI	E; FOL 50TCA; WEAK-MODERATE HEMATITE	ALT J594517	277.50	279.00	1.50		-	-	-	-
		CROSSCUTTING; 3	321 M EOH	CASIONAL SIMALE ZOW WIDE AT LITE DIREC	J594518	279.00	280.50	1.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594519	280.50	282.00	1.50		-	-	-	-
		276.00 - 283.50	HE P WM		J594520	282.00	283.50	1.50		-	-	-	-
					J594521	283.50	285.00	1.50		-	-	-	-
		Structure Mai :	Turne/Care Angle	Commont	J594522	285.00	286.50	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594523	286.50	288.00	1.50		-	-	-	-
		210.00 - 310.20	FUL DU		J594524	288.00	289.50	1.50		-	-	-	-
					J594526	289.50	291.00	1.50		-	-	-	-



Hole Numbe	er TPK-11-014	L .	Project:	TPK ROWLANDSON LAKE				Project Number	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppn	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
	. ,			J594527	291.00	292.50	1.50		-	-	-	-
				J594528	292.50	294.00	1.50		-	-	-	-
				J594529	294.00	295.50	1.50		-	-	-	-
				J594530	295.50	297.00	1.50		-	-	-	-
				J594531	297.00	298.50	1.50		-	-	-	-
				J594532	298.50	300.00	1.50		-	-	-	-
				J594533	300.00	301.50	1.50		-	-	-	-
				J594534	301.50	303.00	1.50		-	-	-	-
				J594535	303.00	304.50	1.50		-	-	-	-
				J594536	304.50	305.10	0.60		-	-	-	-
				J594537	305.10	306.00	0.90		-	-	-	-
				J594538	306.00	307.50	1.50		-	-	-	-
				J594539	307.50	309.00	1.50		-	-	-	-
				J594540	309.00	310.50	1.50		-	-	-	-
				J594541	310.50	312.00	1.50		-	-	-	-
				J594542	312.00	313.50	1.50		-	-	-	-
				J594543	313.50	315.00	1.50		-	-	-	-
				J594544	315.00	316.50	1.50		-	-	-	-
				J594545	316.50	318.00	1.50		-	-	-	-
				J594546	318.00	319.00	1.00		-	-	-	-
319.20	319.40	VQTZ Quartz Vein		J594547	319.00	319.50	0.50		-	-	-	-
		SMALL QTZ PATCHES INTERMIXED WITH QTZ MONZONITE; WEA	K HEMATITE	ALT; WEAK CARB								

AND CHLOR ALT; TRACE FG DISS PY; IRREG SHAPED CONTACTS



Hole Number	TPK-11-014		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From	То							Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology		Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
319.40	321.00	QMONQuartz MonzoniteWEAKLY FOLIATED QTZ MONZONITE; SAME AS ABOVE		J594548 J594549	319.50 320.00	320.00 320.50	0.50 0.50		-	-	-	-
				J594551	320.50	321.00	0.50		-	-	-	-



DRILL HOLE REPORT

Hole Number	Number TPK-11-015				t: TPK R	ROWLANDSON	I LAKE			Project Number	: 001
Drilling		Casing		Core				Location		Other	
Azimuth:	180	Length:	0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-45	Pulled:		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	231	Capped: ye	es	Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	02-Feb-11	Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	06-Feb-11									Surveyed:	
Logged:	03-Feb-11									Surveyed by:	Sarah Miller
Comment:	Fracture zone intersected at	t 157 5-174 86m. Sercit	e schist from 174 86-176	9m with 8-10% p	1	Coordinate -	Gemcom	Coordinate - U	тм	Geophysics:	
	sheared at 35TCA, qtz floor	ling and small qtz vn at	175.6-175.72m, no VG	om war o 1070 p.	,	East:	442323	East:	442323	Geophysic Contractor:	
						North:	5813531	North:	5813531	Left in hole:	
						Elev.:	247	Elev.:	251	Making water:	
								Zone: 16N	NAD: NAD83	Multi shot surv	ey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments	
0.00	180.00	-45.00	С	\checkmark		
30.00	181.90	-45.80	F	\checkmark		
60.00	182.70	-45.60	F	\checkmark		
90.00	181.70	-45.70	F	\checkmark		
120.00	184.80	-46.00	F	\checkmark		
150.00	185.20	-46.00	F	\checkmark		
180.00	189.70	-46.10	F	\checkmark		
210.00	186.70	-46.60	F	\checkmark		
228.00	186.20	-46.70	F	\checkmark		


LC 90

12.99 - 13.00

Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE					Project Number	001			
From (m)	То (т)		Litholo	gy		Sample #	From	То	Length	A ((pp)	n Ag 2 n) (%)	e Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.00	CAS CASING	Casing											
10.00	12.50	QMON QTZ MONZONIT	Quartz Monzonite TE; BLACK AND WHITE; FG-MG	; VERY TRACE FG DISS PY		J594552 J594553	10.50 12.00	12.00 12.50	1.50 0.50		-	-	-	-
12.50	13.00	SHR STRONG SHEA WIDE; TRACE F	Shear R; SHEARED 90TCA; SMALL QT ⁻ G DISS PY; SHARP 90 CONTAG	Z/CARB VN IN MIDDLE OF SHEA CTS; BLOCKY CORE	R APPROX 6CM	J594554	12.50	13.00	0.50		-	-	-	-
		<i>Structure Maj.:</i> 12.50 - 12.51 12.51 - 12.99	Type∕Core Angle UC 90 SHR 90	Comment										



Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)			Lithology	Sample	ŧ From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
13.00	16.95	QMON	Quartz Monzonite		J594555	13.00	14.00	1.00		-	-	-	-
		QTZ MON	ZONITE; BLACK AND WHITE	; FG-MG; VERY TRACE FG DISS PY	J594556	14.00	15.00	1.00		-	-	-	-
					J594557	15.00	16.50	1.50		-	-	-	-
					J594558	16.50	17.20	0.70		-	-	-	-

16.95 17.20 APL Aplite Dike

APLITE DYKE; FG; GREEN; UNALTED; SUGARY TEXTURE; SHARP 60TCA CONTACTS

Structure Maj.:	Type/Core Angle	Comment
16.95 - 16.96	UC 60	
17.19 - 17.20	LC 60	

17.20	17.75	QMON	Quartz Monzonite	J594559	17.20	17.70	0.50	-	-	-	-
		QTZ MONZON	TE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY								

17.75 17.85 VQC Qtz-Carb Vein

QTZ-CARB VN; WEAK CHLOR ALT; NOT MINERALIZED; SHARP 85TCA

Alteration Maj: Type/Style/Intensity Comment



Hole Number	TPK-11-015			Project: TPK ROWLANDS	ON LAKE				Project Nun	nber:	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		17.75 - 17.85	CARB P M											
		17.75 - 17.85	CHL F W											
		Structure Maj.:	Type/Core Angle	Comment										
		17.75 - 17.76 17.84 - 17.85	UC 85 LC 85											
17.85	25.50	QMON Quar	tz Monzonite		J594560	17.70	18.10	0.40			-	-	-	-
		QTZ MONZONITE; BL	_ACK AND WHITE; FG-MG; ` ^	VERY TRACE FG DISS PY; VERY WEAK	J594561	18.10	19.50	1.40			-	-	-	-
			`		J594562	19.50	21.00	1.50			-	-	-	-
					J594563	21.00	22.50	1.50			-	-	-	-
				•	J594564	22.50	24.00	1.50			-	-	-	-
		<i>Structure Maj.:</i> 17.85 - 25.50	Type/Core Angle FOL 40	Comment	J594565	24.00	25.50	1.50			-	-	-	-
25.50	26.20	SHR Shear STRONG SHEAR; SH CONTACTS	r IEARED AT 30TCA; 0.5% FG	B DISS PY AND 1% ASPY; SHARP 30TCA	J594566	25.50	26.20	0.70			-	-	-	-
		<i>Mineralization Maj. :</i> 25.50 - 26.20	Type/Style/%Mineral ASP DIS 1	Comment										
		25.50 - 26.20	PY DIS 0.5											
		Structure Maj.:	Type/Core Angle	Comment										
		25.50 - 25.51	UC 30											
		25.51 - 26.19	SHR 30											
		26.19 - 26.20	LC 30											



Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	То (т)		Litholog	/		Sample #	From	То	Length	Ag (ppn	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
26.20	34.85	QMON G	Quartz Monzonite			J594567	26.20	27.00	0.80		-	-	-	-
		QTZ MONZONIT	E; BLACK AND WHITE; FG-MG; \	ERY TRACE FG DISS PY		J594568	27.00	28.50	1.50		-	-	-	-
						J594569	28.50	30.00	1.50		-	-	-	-
						J594570	30.00	31.50	1.50		-	-	-	-
						J594571	31.50	33.00	1.50		-	-	-	-
						J594572	33.00	34.00	1.00		-	-	-	-
						J594573	34.00	34.85	0.85		-	-	-	-
34.85	35.25	SHR S MODERATE SHE GRADATIONAL (S hear EAR; SHEARED 55TCA; 1% ASP\ CONTACTS	7, 0.5% FG DISS PY; QTZ FLOO	DED;	J594574	34.85	35.25	0.40		-	-	-	-
		Mineralization Ma	aj. : Type/Style/%Mineral	Comment										
		34.85 - 35.25	ASP DIS 1											
		34.85 - 35.25	PY DIS 0.5											
		Structure Maj.:	Type/Core Angle	Comment										
		34.85 - 35.25	SHR 55											
35.25	36.35	QMON G	Quartz Monzonite			J594576	35.25	36.00	0.75		-	-	-	-

J594577

36.00

36.50

0.50

QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY



Hole Number	TPK-11-015	;		Project: TPK ROWLANDSON L	AKE				Project Number	001			
From (m)	To (m)		Litholo	pgy	Sample #	From	То	Length	Ag (ppr	Ag2)) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
36.35	36.40	APL Aplie APLITE DYKE; FG; S	te Dike SUGARY TEXTURE; GREEI	N; UNALTED; SHARP 85TCA CONTACTS									
		<i>Structure Maj.:</i> 36.35 - 36.36 36.39 - 36.40	<i>Type/Core Angle</i> UC 85 LC 85	Comment									
36.40	37.00	QMON Qua QTZ MONZONITE; B	<i>rtz Monzonite</i> BLACK AND WHITE; FG-MG	; VERY TRACE FG DISS PY	J594578	36.50	37.00	0.50		-	-	-	-
37.00	37.25	SHR Shea MODERATE SHEAR LC; TRACE FG DISS	ar ; SHEARED 40TCA; FEW C 3 PY	TZ STRINGERS; GRADATIONAL UC; SHARP 40TCA	J594579	37.00	37.50	0.50		-	-	-	-
		<i>Structure Maj.:</i> 37.00 - 37.24 37.24 - 37.25	<i>Type/Core Angle</i> SHR 40 LC 40	Comment									



Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)		Litholog	y		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
37.25	54.70	QMON Quartz	Monzonite			J594580	37.50	39.00	1.50		-	-	-	-
		QTZ MONZONITE; BLAG	CK AND WHITE; FG-MG; \	VERY TRACE FG DISS PY		J594581	39.00	40.50	1.50		-	-	-	-
						J594582	40.50	42.00	1.50		-	-	-	-
						J594583	42.00	43.50	1.50		-	-	-	-
						J594584	43.50	45.00	1.50		-	-	-	-
						J594585	45.00	46.50	1.50		-	-	-	-
						J594586	46.50	48.00	1.50		-	-	-	-
						J594587	48.00	49.50	1.50		-	-	-	-
						J594588	49.50	51.00	1.50		-	-	-	-
						J594589	51.00	52.50	1.50		-	-	-	-
						J594590	52.50	54.00	1.50		-	-	-	-
						J594591	54.00	54.50	0.50		-	-	-	-
54.70	56.40	SHR Shear				J594592	54.50	55.00	0.50		-	-	-	-
		STRONG SHEAR; SHEA	RED 70TCA; 0.5-1% FG [DISS PY; 6CM WIDE QTZ/CARB	VN AT 55.4M; VN	J594593	55.00	55.50	0.50		-	-	-	-
		CONTAINS WEAK SERI	CITE ALT; GRADATIONAL	LCONTACTS		J594594	55.50	56.00	0.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment		J594595	56.00	56.50	0.50		-	-	-	-
		55.40 - 55.46	SER F W											
		<i>Mineralization Maj. :</i> 54.70 - 56.40	Type/Style/%Mineral PY DIS 1	Comment										
		Structure Maj.:	Type/Core Angle	Comment										

54.70 - 55.40 SHR 70



Hole Number	TPK-11-015	Project: TPK ROWLANDSO	N LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
56.40	64.80	QMON Quartz Monzonite	J594596	56.50	57.00	0.50		-	-	-	-
		QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY; WEAK 50TCA	J594597	57.00	58.50	1.50		-	-	-	-
		FOLIATION	J594598	58.50	60.00	1.50		-	-	-	-
			J594599	60.00	61.00	1.00		-	-	-	-
			J594600	61.00	62.00	1.00		-	-	-	-
		Structure Maj.: Type/Core Angle Comment	J594601	62.00	63.00	1.00		-	-	-	-
		56.40 - 64.80 FOL 50	J594602	63.00	64.00	1.00		-	-	-	-
			J594603	64.00	65.00	1.00		-	-	-	-
64.80	79.75	QMQN Quartz Monzonite	1594604	65.00	66.00	1.00		-	-	-	_
		QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY	.1594605	66.00	67.50	1.50		_	-	-	-
			.1594606	67.50	69.00	1.50		_	-	-	-
			J594607	69.00	70.50	1.50		-	-	-	-
			J594608	70.50	72.00	1.50		-	-	-	-
			J594609	72.00	73.50	1.50		-	-	-	-
			J594610	73.50	75.00	1.50		-	-	-	-
			J594611	75.00	76.50	1.50		-	-	-	-
			J594612	76.50	78.00	1.50		-	-	-	-
			J594613	78.00	79.50	1.50		-	-	-	-
			J594614	79.50	80.00	0.50		-	-	-	-
79.75	79.85	VQTZ Quartz Vein WHITE OTZ VN: OPEN FRACTURE CONTACTS AT 60TCA: CHI OR ALONG FRACTURE PLANES									
		WITH TRACE FG DISS PY									

Alteration Maj: Type/Style/Intensity

79.75 - 79.85 CHL F W

Comment



Hole Number	TPK-11-015			Project: TPK ROWLANDSON	LAKE				Project Numb	er: 0	01			
From (m)	To (m)		Litholog	Ŋ	Sample #	From	То	Length	()	Ag pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.: 79.75 - 79.76 79.84 - 79.85	<i>Type/Core Angle</i> UC 60 LC 60	Comment										
79.85	98.44	QMON Quar	rtz Monzonite		J594615	80.00	81.00	1.00			-	-	-	-
		QTZ MONZONITE; BI	LACK AND WHITE; FG-MG;	VERY TRACE FG DISS PY; SEVERAL APLITE	J594616	81.00	82.50	1.50			-	-	-	-
		DIRES OF TO ZOWN	WIDE AT 401CA		J594617	82.50	84.00	1.50			-	-	-	-
					J594618	84.00	85.50	1.50			-	-	-	-
					J594619	85.50	87.00	1.50			-	-	-	-
					J594620	87.00	88.50	1.50			-	-	-	-
					J594621	88.50	90.00	1.50			-	-	-	-
					J594622	90.00	91.50	1.50			-	-	-	-
					J594623	91.50	93.00	1.50			-	-	-	-
					J594624	93.00	94.50	1.50			-	-	-	-
					J594626	94.50	96.00	1.50			-	-	-	-
					J594627	96.00	97.50	1.50			-	-	-	-
					J594628	97.50	98.44	0.94			-	-	-	-
98.44	98.56	SHR Shea MODERATE SHEAR; AT 40TCA	ar ; SHEARED 60TCA; 0.5% FG	DISS PY; SHARP OPEN FRACTURE CONTACTS										
		<i>Mineralization Maj. :</i> 98.44 - 98.56	Type∕Style∕%Mineral PY DIS 0.5	Comment										
		<i>Structure Maj.:</i> 98.44 - 98.45 98.45 - 98.55 98.55 - 98.56	Type∕Core Angle UC 40 SHR 60 LC 40	Comment										



Hole Number	TPK-11-015	Project: 7	IPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
98.56	135.00	QMON Quartz Monzonite	J594629	98.44	99.00	0.56		-	-	-	-
		QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY	J594630	99.00	100.50	1.50		-	-	-	-
			J594631	100.50	102.00	1.50		-	-	-	-
			J594632	102.00	103.50	1.50		-	-	-	-
			J594633	103.50	105.00	1.50		-	-	-	-
			J594634	105.00	106.50	1.50		-	-	-	-
			J594635	106.50	108.00	1.50		-	-	-	-
			J594636	108.00	109.20	1.20		-	-	-	-
			J594637	109.20	109.70	0.50		-	-	-	-
			J594638	109.70	111.00	1.30		-	-	-	-
			J594639	111.00	112.50	1.50		-	-	-	-
			J594640	112.50	114.00	1.50		-	-	-	-
			J594641	114.00	115.50	1.50		-	-	-	-
			J594642	115.50	117.00	1.50		-	-	-	-
			J594643	117.00	118.50	1.50		-	-	-	-
			J594644	118.50	120.00	1.50		-	-	-	-
			J594645	120.00	121.50	1.50		-	-	-	-
			J594646	121.50	123.00	1.50		-	-	-	-
			J594647	123.00	124.50	1.50		-	-	-	-
			J594648	124.50	126.00	1.50		-	-	-	-
			J594649	126.00	126.50	0.50		-	-	-	-
			J594651	126.50	127.50	1.00		-	-	-	-
			J594652	127.50	129.00	1.50		-	-	-	-
			J594653	129.00	130.50	1.50		-	-	-	-
			J594654	130.50	132.00	1.50		-	-	-	-



TPK-11-015	Project: TPK ROWLANDSON	N LAKE				Project Num	nber: (001			
To (m)	Lithology	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
. ,		J594655	132.00	133.50	1.50			-	-	-	-
		J594656	133.50	135.00	1.50			-	-	-	-
136.60	SHR Shear	J594657	135.00	135.50	0.50			-	-	-	-
	MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS	J594658	135.50	136.00	0.50			-	-	-	-
		J594659	136.00	136.50	0.50			-	-	-	-
	Structure Maj.:Type/Core AngleComment135.00 - 136.60SHR 70										
148.30	QMON Quartz Monzonite	J594660	136.50	138.00	1.50			-	-	-	-
	QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY	J594661	138.00	139.50	1.50			-	-	-	-
		J594662	139.50	141.00	1.50			-	-	-	-
		J594663	141.00	142.50	1.50			-	-	-	-
		J594664	142.50	144.00	1.50			-	-	-	-
		J594665	144.00	145.50	1.50			-	-	-	-
		J594666	145.50	147.00	1.50			-	-	-	-
		J594667	147.00	148.20	1.20			-	-	-	-
148.70	SHRShearMODERATE SHEAR; SHEARED 60TCA; TRACE FG DISS PY; SHARP 60TCA CONTACTS	J594668	148.20	148.70	0.50			-	-	-	-
	TPK-11-015 To (<i>m</i>) 136.60 148.30 148.70	TPK-11-015 Project: TPK ROWLANDSOI To	TPK-11-015 Project: TPK ROWLANDSON LAKE To (m) Lithology Sample # 136.60 SHR Shear J594655 136.60 SHR Shear J594656 MODERATE SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594658 J594659 J594659 Structure Maj.: Type/Core Angle Comment 135.00 - 136.60 SHR 70 J594661 148.30 QMON Quartz Monzonite J594661 QTZ MONZONITE: BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY J594661 J594663 J594664 J594664 J594666 J594665 J594666 J594666 J594666 J594667 J594664 J594666 J594666 J594666 J594666 J594667 J594666 J594667 J594664 J594666 J594666 J594667 J594666 J594666 J594666 J594667 J594666 J594668 J594666 <td>TPK-11-015 Project: TPK ROWLANDSON LAKE 70 (m) Lithology Sample # From J594655 132.00 J594655 133.50 136.00 SHR Shear J594655 135.50 MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594659 136.00 Structure Maj;: Type/Core Angle Comment J594659 136.00 148.30 QMON Quartz Monzonite J594661 138.00 J594662 139.00 148.30 GMON Quartz Monzonite: J594661 136.00 J594662 139.00 148.70 SHR Shear J594661 148.00 J594662 149.00 148.70 SHR Shear J594661 148.20 J594662 149.00 148.70 SHR Shear J594663 141.00 J594665 144.00 148.70 SHR Shear J594663 149.00 148.70 SHR Shear J594663 149.00 148.70</td> <td>TPK-11-015 Project: TPK ROWLANDSON LAKE To (m) Lithology Sample # From To 196.00 SHR Shear J594655 132.00 133.50 196.00 SHR Shear J594657 135.00 135.00 MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594658 135.00 136.00 Structure Maj.: Type/Core Angle Comment J594650 136.00 136.00 148.30 QMON Quartz Monzonite Comment J594661 136.00 139.00 148.30 QMON Quartz Monzonite Comment J594661 136.00 139.00 148.30 GMON Quartz Monzonite J594661 136.00 139.00 J594661 J594661 136.00 135.00 135.00 135.00 148.30 GMON Quartz Monzonite; FG-MG; VERY TRACE FG DISS PY J594661 136.00 136.00 J594661 J594661 136.00 135.00 135.00 135.00</td> <td>To: Trige: TR ROWLANDSON LAKE To Lithology Sample # From To Length (n) Lithology J594655 132.00 133.50 1.50 136.60 SHR Shear J594655 136.00 136.50 0.50 MODERATE SHEARE SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594657 136.00 136.50 0.50 Structure Maj.: Type/Core Angle Comment 135.00 136.50 0.50 135.00 136.60 SHR Shear Ongoing Comment 135.00 136.00 136.50 0.50 148.30 OMON Quartz Monzonite Comment J594661 138.00 139.50 150 QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY J594661 138.00 139.50 150 J594665 141.00 145.50 141.00 1.50 150 150 150 150 150 150 150 150 150 150 150 150 150 150 <</td> <td>TP:k-11-015 Project TPK ROWLANDSON LAKE Project Num To (m) Lithology Sample 4 From To Length 136.60 SHR Shear J594655 132.00 135.50 1.50 136.60 SHR Shear J594657 136.00 135.50 0.50 Structure Maj: Type/Core Angle Comment 135.00 136.50 0.50 148.30 QMON Quartz Monzonite Comment J594665 138.00 1.50 148.30 QMON Quartz Monzonite Comment J594668 140.00 139.50 1.50 148.30 QMON Quartz Monzonite D594669 136.50 1.50 1.50 J594668 140.00 145.50 1.50 1.50 1.50 1.50 J594668 140.00 145.50 1.50 1.50 1.50 1.50 J594668 140.00 145.50 1.50 1.50 1.50 1.50 J594666 144.00 1</td> <td>TP: Priget TPK ROWLANDSON LAKE Priget Mumber Priget Mumber Priget Mumber Priget Mumber Server <</td> <td>TPK 14-015 Price TPK ROWLANDSON LAKE Price To Link Agg Agg (m) Linkology Inhology Sample it From To Length Agg Agg<</td> <td>TP4:1-015 Project TPK ROWLANDSON LAKE Project To Reg Ag Ag</td> <td>TP:k11-015 Project TPK ROWLANDSON LAKE Project Tot Lithology Ag Ag</td>	TPK-11-015 Project: TPK ROWLANDSON LAKE 70 (m) Lithology Sample # From J594655 132.00 J594655 133.50 136.00 SHR Shear J594655 135.50 MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594659 136.00 Structure Maj;: Type/Core Angle Comment J594659 136.00 148.30 QMON Quartz Monzonite J594661 138.00 J594662 139.00 148.30 GMON Quartz Monzonite: J594661 136.00 J594662 139.00 148.70 SHR Shear J594661 148.00 J594662 149.00 148.70 SHR Shear J594661 148.20 J594662 149.00 148.70 SHR Shear J594663 141.00 J594665 144.00 148.70 SHR Shear J594663 149.00 148.70 SHR Shear J594663 149.00 148.70	TPK-11-015 Project: TPK ROWLANDSON LAKE To (m) Lithology Sample # From To 196.00 SHR Shear J594655 132.00 133.50 196.00 SHR Shear J594657 135.00 135.00 MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594658 135.00 136.00 Structure Maj.: Type/Core Angle Comment J594650 136.00 136.00 148.30 QMON Quartz Monzonite Comment J594661 136.00 139.00 148.30 QMON Quartz Monzonite Comment J594661 136.00 139.00 148.30 GMON Quartz Monzonite J594661 136.00 139.00 J594661 J594661 136.00 135.00 135.00 135.00 148.30 GMON Quartz Monzonite; FG-MG; VERY TRACE FG DISS PY J594661 136.00 136.00 J594661 J594661 136.00 135.00 135.00 135.00	To: Trige: TR ROWLANDSON LAKE To Lithology Sample # From To Length (n) Lithology J594655 132.00 133.50 1.50 136.60 SHR Shear J594655 136.00 136.50 0.50 MODERATE SHEARE SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS J594657 136.00 136.50 0.50 Structure Maj.: Type/Core Angle Comment 135.00 136.50 0.50 135.00 136.60 SHR Shear Ongoing Comment 135.00 136.00 136.50 0.50 148.30 OMON Quartz Monzonite Comment J594661 138.00 139.50 150 QTZ MONZONITE; BLACK AND WHITE; FG-MG; VERY TRACE FG DISS PY J594661 138.00 139.50 150 J594665 141.00 145.50 141.00 1.50 150 150 150 150 150 150 150 150 150 150 150 150 150 150 <	TP:k-11-015 Project TPK ROWLANDSON LAKE Project Num To (m) Lithology Sample 4 From To Length 136.60 SHR Shear J594655 132.00 135.50 1.50 136.60 SHR Shear J594657 136.00 135.50 0.50 Structure Maj: Type/Core Angle Comment 135.00 136.50 0.50 148.30 QMON Quartz Monzonite Comment J594665 138.00 1.50 148.30 QMON Quartz Monzonite Comment J594668 140.00 139.50 1.50 148.30 QMON Quartz Monzonite D594669 136.50 1.50 1.50 J594668 140.00 145.50 1.50 1.50 1.50 1.50 J594668 140.00 145.50 1.50 1.50 1.50 1.50 J594668 140.00 145.50 1.50 1.50 1.50 1.50 J594666 144.00 1	TP: Priget TPK ROWLANDSON LAKE Priget Mumber Priget Mumber Priget Mumber Priget Mumber Server <	TPK 14-015 Price TPK ROWLANDSON LAKE Price To Link Agg Agg (m) Linkology Inhology Sample it From To Length Agg Agg<	TP4:1-015 Project TPK ROWLANDSON LAKE Project To Reg Ag Ag	TP:k11-015 Project TPK ROWLANDSON LAKE Project Tot Lithology Ag Ag

Type/Core Angle	Comment
UC 60	
SHR 60	
LC 60	
	Type/Core Angle UC 60 SHR 60 LC 60



Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE					Project Numb	er: 00	01			
From (m)	То (т)		Litholog	IY		Sample #	From	То	Length) (p	lg A om) (4 g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
148.70	149.50	APL API APLITE DYKE; PINH	ite Dike K; FG; SUGARY TEXTURE; S [°]	TRONG HEMATITE ALT; SHARP 80	DTCA CONTACTS	J594669	148.70	149.60	0.90			-	-	-	-
		<i>Structure Maj.:</i> 148.70 - 148.71 149.49 - 149.50	<i>Type/Core Angle</i> UC 80 LC 80	Comment											
149.50	157.50	QMON Qua QTZ MONZONITE; I	artz Monzonite BLACK AND WHITE; FG-MG;	VERY TRACE FG DISS PY		J594670 J594671 J594672 J594673 J594674 J594676	149.60 150.00 151.50 153.00 154.50 156.00	150.00 151.50 153.00 154.50 156.00 157.50	0.40 1.50 1.50 1.50 1.50 1.50			- - - -		- - - -	- - - -
157.50	161.00	FRZ Frac FRACTURED QTZ N DOWNHOLE; GRAE Alteration Maj: 157.50 - 161.00	<i>cture Zone</i> MONZONITE; STRONG HEMA DATIONAL UC; LC 40TCA; TR <i>Type/Style/Intensity</i> HE P S	ATITE ALT; FRACTURE INTENSITY ACE FG DISS PY; WEAK SHEARIN Comment	INCREASES NG 60TCA	J594677 J594678 J594679	157.50 159.00 160.50	159.00 160.50 161.00	1.50 1.50 0.50			-	- -	- -	- -
		<i>Structure Maj.:</i> 157.50 - 160.99 157.50 - 160.99 160.99 - 161.00	Type/Core Angle FLT SHR 60 LC 40	Comment											



Hole Number	TPK-11-015			Project: TPK ROWLANDSON LA	AKE				Project Num	ber: 0	001			
From (m)	To (m)		Litholog	IV	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
161.00	161.60	APL Apli STRONGLY HEMATI FRACTURED/BLOCH	<i>te Dike</i> IZED APLITE DYKE; SHARP KY CORE; SEVERAL CHLOR	CONTACTS; UC 40TCA; LC 30TCA; FILLED FRACTURES; TRACE FG DISS PY ALONG	J594680	161.00	161.60	0.60			-	-	-	-
		FRACTURE PLANES	5											
		Alteration Maj:	Type/Style/Intensity	Comment										
		161.00 - 161.60	HE P S											
		Structure Maj.:	Type/Core Angle	Comment										
		161.00 - 161.01	UC 40											
		161.59 - 161.60	LC 50											
161.60	167.50	FRZ Frac	ture Zone		J594681	161.60	162.00	0.40			-	-	-	-
		FRACTURED QTZ M	IONZONITE; STRONG HEMA	TITE ALT; TRACE FG DISS PY; WEAK-MODERATE	J594682	162.00	163.00	1.00			-	-	-	-
		SHEARING 601CA; 0	GRADATIONAL LC		J594683	163.00	164.00	1.00			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594684	164.00	165.00	1.00			-	-	-	-
		161.60 - 167.50	HE P S		J594685	165.00	166.00	1.00			-	-	-	-
					1594686	166.00	167.00	1.00			-	_	-	-
		Structure Mai.:	Tvpe/Core Anale	Comment	1594687	167.00	167 50	0.50			-	_	-	-
		161.60 - 167.50	FLT			101.00		0.00						
		161.60 - 167.50	SHR 60											



Hole Number	TPK-11-015			Project: TPK ROWLANDSON L	AKE				Project Numbe	er: 0	01			
From (m)	То (m)		Litholog	av	Sample #	From	То	Length	A ; (pp	g om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
167.50	174.86	SHR Shea	r		J594688	167.50	168.00	0.50			-	-	_	-
		MODERATELY SHEA	RED QTZ MONZONITE; ST	RONG HEMATITE ALT; BLOCKY CORE; SHEARED	J594689	168.00	169.00	1.00			-	-	-	-
		45TCA; PATCHES OF BIOTITE: LC SHARP	F STRONGLY SHEARED Q 60TCA: TRACE FG DISS P	TZ MONZNOITE WITH CLUSTERS OF WISPY Y SCATTERED THROUGHOUT BUT MOSTLY	J594690	169.00	170.00	1.00			-	-	-	-
		ALONG FRACTURE I	PLANES		J594691	170.00	171.00	1.00			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594692	171.00	172.00	1.00			-	-	-	-
		167.50 - 174.86	HE P S		J594693	172.00	173.00	1.00			-	-	-	-
					J594694	173.00	174.00	1.00			-	-	-	-
		Structure Mai.:	Type/Core Angle	Comment	J594695	174.00	174.86	0.86			-	-	-	-
		167.50 - 174.85	SHR 45											
		174.85 - 174.86	LC 60											
174.86	176.90	SCHS Seric	te Schist		J594696	174.86	175.26	0.40			-	-	-	-
		CHLOR ALT; VERY V	VEAK HEMATITE ALT; QTZ	FLOODING FOLLOWING SHEARING; SERICITE	J594697	175.26	175.72	0.46			-	-	-	-
		AND CHLOR WITHIN	I FRACTURES IN QTZ VEIN REASES: SMALL OTZ VN W	IING; LC GRADATIONAL; LC HEMATITE INCREASES	J594698	175.72	176.20	0.48			-	-	-	-
		CARB ALT WITHIN G	TZ VN; NO VG		J594699	176.20	176.60	0.40			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594701	176.60	177.00	0.40			-	-	-	-
		174.86 - 176.90	CHL F W											
		174.86 - 176.90	SER P I											
		<i>Mineralization Maj. :</i> 174.86 - 176.90	Type/Style/%Mineral PY DIS 8	Comment										
		Structure Maj.:	Type/Core Angle	Comment										
		174.86 - 175.60	SHR 35											
		175.60 - 175.72	VN 35											
		175.72 - 176.90	SHR 35											



om (m)	To												
	(111)		Litholog	У	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
176.90	201.00	FRZ Fra FRACTURED QTZ 60TCA; PATCHES Alteration Maj: 176.90 - 201.00 176.90 - 201.00 176.90 - 201.00 176.90 - 201.00 176.90 - 201.00	Acture Zone MONZONITE; STRONG HEMA OF CHLOR ALT; WEAK SERIO SER PCH W HE P S Type/Core Angle FLT SHR 60	TITE ALT; TRACE FG DISS PY; WEAK SH TTE ALT NEAR UC Comment Comment	J594702 HEARING J594703 J594704 J594706 J594706 J594707 J594708 J594709 J594710 J594711 J594711 J594713 J594713 J594714 J594715 J594716 J594717 J594718 J594719 J594720 J594721	177.00 178.00 179.00 180.00 181.00 182.00 183.00 184.00 185.00 186.00 186.00 188.00 190.00 191.00 191.00 192.00 193.00 194.00 195.00 196.00 198.00	178.00 179.00 180.00 181.00 182.00 183.00 184.00 185.00 186.00 187.00 189.00 190.00 191.00 192.00 193.00 194.00 195.00 195.00 196.00 197.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00					
		176.90 - 201.00 <i>Structure Maj.:</i> 176.90 - 201.00 176.90 - 201.00	HE P S Type/Core Angle FLT SHR 60	Comment	J594706 J594707 J594708 J594709 J594710 J594711 J594712 J594713 J594714 J594716 J594716 J594716 J594717 J594718 J594719 J594720 J594721 J594722 J594723 J594724	181.00 182.00 183.00 184.00 185.00 186.00 187.00 188.00 190.00 191.00 192.00 193.00 194.00 195.00 196.00 196.00 197.00 198.00 199.00 200.00	182.00 183.00 184.00 185.00 186.00 187.00 188.00 189.00 190.00 191.00 192.00 193.00 194.00 195.00 195.00 196.00 197.00 198.00 199.00 200.00 201.00		1.00 1.00	1.00 1.00	1.00 - 1.00 -	1.00	1.00 <t< td=""></t<>



Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE	E				Project Numb	oer: 00 [,]	1			
From (m)	To (m)		Litholo	gy		Sample #	From	То	Length	(1	Ag A opm) (*	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)
201.00	228.00	QMON Quart	z Monzonite			J594727	201.00	202.50	1.50			-	-	-	-
		QTZ MONZONITE; MO	DDERATE TO STRONGLY	HEMATITE ALT; WEAKLY FOLIATE	ED 50TCA; FEW	J594728	202.50	204.00	1.50			-	-	-	-
		OPEN FRACTURES V CONTACTS	VITH CHLOR ALONG PLAI	NES; TRACE FG DISS PY; GRADAT	FIONAL	J594729	204.00	205.50	1.50			-	-	-	-
						J594730	205.50	207.00	1.50			-	-	-	-
						J594731	207.00	208.50	1.50			-	-	-	-
		Structure Mai ·	Type/Core Angle	Comment		J594732	208.50	210.00	1.50			-	-	-	-
		201.00 - 228.00	FOL 50	Comment		J594733	210.00	211.50	1.50			-	-	-	-
						J594734	211.50	213.00	1.50			-	-	-	-
						J594735	213.00	214.50	1.50			-	-	-	-
						J594736	214.50	216.00	1.50			-	-	-	-
						J594737	216.00	217.50	1.50			-	-	-	-
						J594738	217.50	219.00	1.50			-	-	-	-
						J594739	219.00	220.50	1.50			-	-	-	-
						J594740	220.50	222.00	1.50			-	-	-	-
						J594741	222.00	222.50	0.50			-	-	-	-
						J594742	222.50	223.50	1.00			-	-	-	-
						J594743	223.50	225.00	1.50			-	-	-	-
						J594744	225.00	226.50	1.50			-	-	-	-
						J594745	226.50	227.80	1.30			-	-	-	-
228.00	228.15	SHR Shear MODERATE SHEAR; ; OF WISPY BIOTITE	SHEARED 50TCA; GRADA	ATIONAL CONTACTS; TRACE FG D	ISS PY; CLUSTER	J594746	227.80	228.30	0.50			-	-	-	-

 Structure Maj.:
 Type/Core Angle
 Comment

 228.00 - 228.15
 SHR 50
 SHR 50



Hole Number	TPK-11-015			Project:	TPK ROWLANDSON LAKE					Project Numb	er:	001			
From (m)	To (m)		Litholog	чу		Sample #	From	То	Length	(F	4g pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
228.15	229.30	QMON G SAME AS ABOVE	Quartz Monzonite E			J594747	228.30	229.10	0.80			-	-	-	-
229.30	229.40	VQTZ G 3CM WIDE QTZ M MARGINS; NOT I Alteration Maj:	Quartz Vein VN; SHARP CONTACTS AT 35T MINERALIZED Type/Style/Intensity	CA; WEAK CARB ALT AND WEAK	CHLOR ALONG	J594748	229.10	229.60	0.50			-	-	-	-
		229.30 - 229.40	CHL F W												
		229.30 - 229.40	CARB P M												
		Structure Maj.: 229.30 - 229.31 229.39 - 229.40	<i>Type/Core Angle</i> UC 35 LC 35	Comment											
229.40	231.00	QMON G SAME AS ABOVE	Quartz Monzonite E; EOH			J594749	229.60	231.00	1.40			-	-	-	-



DRILL HOLE REPORT

Hole Number	Number TPK-11-016				:: TPK F	OWLANDSO	N LAKE			Project Number:	: 001
Drilling		Casing		Core				Location		Other	
Azimuth:	180	Length:	0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-55	Pulled:		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	300	Capped: yes	8	Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	06-Feb-11	Cemented:		Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	21-Feb-11									Surveyed:	
Logged:	07-Feb-11									Surveyed by:	Sarah Miller
Comment:	Otz vn intersected at 192 6-	193 5m [.] WHITE OTZ [.] FI	RACTURED' TRACE FO	DISS PY: CHI O	R	Coordinate	- Gemcom	Coordinate - U	тм	Geophysics:	
Commond	ALONG OPEN FRACTURE	S; 193.1-193.5M BREC	CIATED QTZ AND HEM	ATITE QTZ MONZ	ONITE	East:	442271	East:	442271	Geophysic Contractor:	
						North:	5813499	North:	5813499	Left in hole:	
						Elev.:	249	Elev.:	250	Making water:	
								Zone: 16N	NAD: NAD83	Multi shot surv	ey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments
0.00	180.00	-55.00	С	\checkmark	
30.00	176.60	-54.70	F	\checkmark	
60.00	175.40	-55.30	F	\checkmark	
90.00	180.50	-54.40	F	\checkmark	
120.00	182.60	-54.10	F	\checkmark	
150.00	181.60	-54.20	F	\checkmark	
180.00	181.90	-54.30	F	\checkmark	
210.00	182.30	-54.10	F	\checkmark	
240.00	184.50	-54.00	F	\checkmark	
270.00	188.20	-52.90	F	\checkmark	
300.00	187.40	-53.20	F	\checkmark	



Hole Number	TPK-11-016	6			Project:	TPK ROWLANDSO	N LAKE				Project Number:	001			
From	То										Ag	Ag2	Agol	Au	Au2
<i>(m)</i>	(m)			Lithology			Sample #	From	То	Length	(ppm	(%)	(%)	(g/t)	(g/t)
0.00	7.00	CAS	Casing												

7.00 33.00 QMON Quartz Monzonite

DRILLERS TRANSPORTING CORE FROM DRILL BY SKIDOO; CORE UPSET INSIDE SLEIGH; 7-33M PLACED BACK IN BOX BUT NOT ABLE TO MATCH PIECES.

33.00	36.86	QMON	Quartz Monzonite	J594751	36.00	36.70	0.70	-	-	-	-
		QTZ MONZON	NITE; BLACK AND WHITE; FG-MG; MORE MAFIC/BIOTITE CONTENT THAN FELD	SPAR							
36.86	37.03	SHR	Shear	1504752	26 70	27.20	0.50	_	_	_	
00.00	07.00	MODERATE S SHARP 70TC	SHEAR; SHEARED AT 70TCA; WEAK EPIDOTE ALT NEAR LC; 0.5% FG DISS PY; A CONTACTS	55 54 752	30.70	57.20	0.50				
		Alteration Ma	: Type/Style/Intensity Comment								
		36.86 - 37.03	EP F W								



Hole Number	TPK-11-016			Project: TPK ROWLANDSON I	LAKE				Project Num	ber:	001			
From (m)	To (m)		Litholog	у	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		<i>Mineralization Maj. :</i> 36.86 - 37.03	Type/Style/%Mineral PY DIS 0.5	Comment										
		<i>Structure Maj.:</i> 36.86 - 36.87 36.87 - 37.02 37.02 - 37.03	Type/Core Angle UC 70 SHR 70 LC 70	Comment										
37.03	39.74	QMON Quarta QTZ MONZONITE; BL/	z Monzonite ACK AND WHITE; FG-MG;	MORE MAFIC/BIOTITE CONTENT THAN FELDSPAR	J594753 J594754	37.20 38.20	38.20 39.50	1.00 1.30			-	-	-	-
39.74	39.80	APL <i>Aplite</i> APLITE DYKE; GREY;	Dike 3CM WIDE; NOT MINERAI	IZED OR ALT; SHARP 60TCA CONTACTS	J594755	39.50	40.00	0.50			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment										

39.74 - 39.75UC6039.79 - 39.80LC60



Hole Number	TPK-11-016	Project: TPK ROWLANDSON LA	KE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
39.80	59.65	QMON Quartz Monzonite	J594756	40.00	41.00	1.00		-	-	-	-
		QTZ MONZONITE; BLACK AND WHITE; FG-MG; MORE MAFIC/BIOTITE CONTENT THAN FELDSPAR	J594757	41.00	42.00	1.00		-	-	-	-
			J594758	42.00	43.50	1.50		-	-	-	-
			J594759	43.50	45.00	1.50		-	-	-	-
			J594760	45.00	46.50	1.50		-	-	-	-
			J594761	46.50	48.00	1.50		-	-	-	-
			J594762	48.00	49.50	1.50		-	-	-	-
			J594763	49.50	51.00	1.50		-	-	-	-
			J594764	51.00	52.50	1.50		-	-	-	-
			J594765	52.50	54.00	1.50		-	-	-	-
			J594766	54.00	55.50	1.50		-	-	-	-
			J594767	55.50	57.00	1.50		-	-	-	-
			J594768	57.00	58.50	1.50		-	-	-	-
			J594769	58.50	59.50	1.00		-	-	-	-

59.65 59.72 VQTZ Quartz Vein

QTZ VN; MODERATE CARB ALT; LARGE BLEB OF PY; CHLOR WITHIN FRACTURES; WEAK HEMATITE ALONG MARGINS AND WITHIN VEIN; UC SHARP 80TCA; LC SHARP 75TCA

Mineralization Maj. :	Type/Style/%Mineral	Comment
59.65 - 59.72	PY BL 0.5	
Structure Maj.:	Type/Core Angle	Comment
59.65 - 59.66	UC 80	
59.71 - 59.72	LC 75	



Hole Number	TPK-11-016		Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)	Lithology			Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
59.72	91.55	QMON Quartz Monzonite			J594770	59.50	60.00	0.50		-	-	-	-
		QTZ MONZONITE; BLACK AND WHITE; FG-MG; MORE	MAFIC/BIOTITE CONTEN	ΓΤΗΑΝ	J594771	60.00	61.50	1.50		-	-	-	-
		FELDSPAR; PATCHY WEAK HEMATTLE ALT STARTING	SAT 90M		J594772	61.50	63.00	1.50		-	-	-	-
		Alteration Maj: Type/Style/Intensity Com	ment		J594773	63.00	64.50	1.50		-	-	-	-
		90.00 - 91.55 HE PCH W			J594774	64.50	66.00	1.50		-	-	-	-
					J594776	66.00	67.50	1.50		-	-	-	-
					J594777	67.50	69.00	1.50		-	-	-	-
					J594778	69.00	70.50	1.50		-	-	-	-
					J594779	70.50	72.00	1.50		-	-	-	-
					J594780	72.00	73.50	1.50		-	-	-	-
					J594781	73.50	75.00	1.50		-	-	-	-
					J594782	75.00	76.50	1.50		-	-	-	-
					J594783	76.50	78.00	1.50		-	-	-	-
					J594784	78.00	79.50	1.50		-	-	-	-
					J594785	79.50	81.00	1.50		-	-	-	-
					J594786	81.00	82.50	1.50		-	-	-	-
					J594787	82.50	84.00	1.50		-	-	-	-
					J594788	84.00	85.50	1.50		-	-	-	-
					J594789	85.50	87.00	1.50		-	-	-	-
					J594790	87.00	88.50	1.50		-	-	-	-
					J594791	88.50	90.00	1.50		-	-	-	-
					J594792	90.00	91.30	1.30		-	-	-	-
					J594793	91.30	91.80	0.50		-	-	-	-
91.55	91.65	SHR Shear											

MODERATE SHEAR; SHEARED 60TCA; TRACE FG DISS PY; SHARP 60TCA CONTACTS; WEAK HEMATITE ALT

Alteration Maj: Type/Style/Intensity Comment



91.64 - 91.65

Hole Numbe	r TPK-11-0	16			Project:	TPK ROWLANDSON LAKE	E				Project Numb	er:	001			
From (m)	То (т)		Litholo	ogy			Sample #	From	То	Length	()	Ag opm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		91.55 - 91.65	HE P W													
		Structure Maj.:	Type/Core Angle	Comment												
		91.55 - 91.56	UC 60													

91.65 92.00 **QMON** *Quartz Monzonite* QTZ MONZONITE; BLACK AND WHITE; FG-MG; MORE MAFIC/BIOTITE CONTENT THAN FELDSPAR

LC 60

92.00	92.15	VQTZ	Quartz Vein	1		J594794	91.80	92.30	0.50	-	-	-	-	-
		CLUSTER OF MODERATE C	QTZ STRING CARB ALT; CO	ERS; STRONG EPIDO ONTACTS 50TCA	TE ALT AND HEMATITE ALT; FEW BLEBS OF MO;									
		Alteration Maj:	j: T	[ype/Style/Intensity	Comment									
		92.00 - 92.15	н	IE P S										

92.00 - 92.15 EP P S



Hole Number	TPK-11-016	Project: TPK ROWLANDSON LA	KE				Project Numb	er: 0	01			
From (m)	To (m)	Lithology	Sample #	From	То	Length	ر (۵)	Ag pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
92.15	109.00	QMON Quartz Monzonite	J594795	92.30	93.00	0.70			-	-	-	-
		STRONGLY HEMATIZED QTZ MONZONITE; FG-MG; MORE MAFIC/BIOTITE CONTENT THAN	J594796	93.00	94.50	1.50			-	-	-	-
		Alteration Mais Typo/Stylo/Intensity Comment	J594797	94.50	96.00	1.50			-	-	-	-
			J594798	96.00	97.50	1.50			-	-	-	-
		92.15 - 109.00 HE P S	J594799	97.50	99.00	1.50			-	-	-	-
			J594801	99.00	101.50	2.50			-	-	-	-
			J594802	101.50	102.00	0.50			-	-	-	-
			J594803	102.00	103.50	1.50			-	-	-	-
			J594804	103.50	105.00	1.50			-	-	-	-
			J594805	105.00	106.50	1.50			-	-	-	-
			J594806	106.50	108.00	1.50			-	-	-	-
			J594807	108.00	108.80	0.80			-	-	-	-
109.00	119.00	FRZ Fracture Zone	J594808	108.80	110.00	1.20			-	-	-	-
		FRACTURE ZONE; VERY BLOCKY CORE; STRONG HEMATITE ALT; CHLOR ALONG FRACTURE	J594809	110.00	111.00	1.00			-	-	-	-
		PLANES; NOT MINERALIZED	J594810	111.00	112.00	1.00			-	-	-	-
			J594811	112.00	113.00	1.00			-	-	-	-
			J594812	113.00	114.00	1.00			-	-	-	-
			J594813	114.00	115.00	1.00			-	-	-	-
			J594814	115.00	116.00	1.00			-	-	-	-
			J594815	116.00	117.00	1.00			-	-	-	-
			J594816	117.00	118.50	1.50			-	-	-	-



Hole Number	TPK-11-016	6		Project: TPK ROWLANDSO	N LAKE				Project Number:	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
119.00	130.50	QMON Quart	z Monzonite		J594817	118.50	120.00	1.50		-	_	-	-
		STRONGLY HEMATIZ	ED QTZ MONZONITE; FG-	MG; MORE MAFIC/BIOTITE CONTENT THAN	J594818	120.00	120.80	0.80		-	-	-	-
		FELDSPAR; FEW SM	ALL APLITE DYKES CROS	SCUTTING UP TO 4CM WIDE AT VARIOUS ANGLES	J594819	120.80	121.30	0.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594820	121.30	122.20	0.90		-	-	-	-
		119.00 - 130.50	HE P S		J594821	122.20	123.00	0.80		-	-	-	-
					J594822	123.00	124.50	1.50		-	-	-	-
					J594823	124.50	125.50	1.00		-	-	-	-
					J594824	125.50	126.00	0.50		-	-	-	-
					J594826	126.00	127.50	1.50		-	-	-	-
					J594827	127.50	129.00	1.50		-	-	-	-
					J594828	129.00	130.00	1.00		-	-	-	-
					J594829	130.00	130.50	0.50		-	-	-	-
130.50	131.30	SHR Shear			J594830	130.50	131.00	0.50		-	-	-	-
		STRONG SHEAR; SH STRINGERS; 2% FG I SERICITE ALT DECR	EARED 60TCA; MODERAT DISS PY; FRACTURED; UC EASES DOWNHOLE	E HEMATITE ALT; WEAK SERICITE ALT; FEW QTZ FAULT GOUGE 60TCA; LC GRADATIONAL;	J594831	131.00	131.40	0.40		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment									
		130.50 - 131.30	SER FF W										
		130.50 - 131.30	HE P M										
		<i>Mineralization Maj. :</i> 130.50 - 131.30	Type/Style/%Mineral PY DIS 2	Comment									
		Structure Maj.:	Type/Core Angle	Comment									

130.50 - 130.51G 60130.51 - 131.29SHR 60



Hole Number	TPK-11-016			Project: TPK ROWLANDSON I	_AKE				Project Number:	001			
From (m)	To (m)		Litholog	v	Sample #	From	То	Lenath	Ag (ppm)	Ag2) (%)	Agol (%)	Au (q/t)	Au2 (q/t)
131.30	135 30	SHP Shoa		,	1504922	121.40	122.00	0.60			-		
131.30	155.50	STRONG SHEAR; SH OF STRINGERS; WE	" HEARED 50TCA; GRADATIO AK-MOD HEMATITE ALT; FF	NAL CONTACTS; WEAK CARB ALT IN THE FORM RACTURED	J594833	131.40	132.50	0.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594834	132.50	133.00	0.50		-	-	-	-
		121 20 125 20			J594835	133.00	134.00	1.00		-	-	-	-
		131.30 - 135.30			J594836	134.00	134.50	0.50		-	-	-	-
					J594837	134.50	135.00	0.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J594838	135.00	135.50	0.50		-	-	-	-
		131.30 - 135.30	SHR 50										
125 20	142.60		ta Monzonito		1504020		420.00	0.50					
135.30	143.00				J594839	135.50	136.00	0.50		-	-	-	-
		CONTENT THAN FEI	LDSPAR: FEW SMALL APLIT	E DYKES CROSSCUTTING UP TO 4CM WIDE AT	J594840	136.00	137.00	1.00		-	-	-	-
		VARIOUS ANGLES			J594841	137.00	138.00	1.00		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J594842	138.00	139.00	1.00		-	-	-	-
		- 135 30 - 141 00	HE P WM		J594843	139.00	140.00	1.00		-	-	-	-
		100.00 - 141.00			J594844	140.00	141.00	1.00		-	-	-	-

143.60 144.40 SHR

0 SHR Shear MODERATE SHEARING; SHEARED 30TCA; MODERATE CHLOR ALT; WEAK CARB ALT; WEAK QTZ

STRINGERS; 0.5% FG DISS PY; LC SHARP 30TCA; UC GRADATIONAL AND DEFINED BY APLITE DYKE



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

144.40 150.70 **QMON** *Quartz Monzonite* WEAK HEMATITE ALT QTZ MONZONITE: CARB ALT; TRACE FG DISS PY

150.70 177.50 SHR Shear SHEARED QTZ MONZONITE; SHEARED 50TCA; WEAKLY HEMATITE ALT; GRADATIONAL CONTACTS; FEW SECTIONS OF 20-30TCA SHEAR; CHLOR ALONG OPEN FRACTURES; TRACE-0.5% FG DISS PY

177.50 192.60 **QMON** *Quartz Monzonite*

QTZ MONZONITE; WEAK HEMATITE ALT; WEAK SHEARING 50-60TCA; FEW APLITE DYKES UP TO 5CM WIDE; OCCASIONAL CARB +/- QTZ STRINGERS; TRACE FG DISS PY

192.60 193.50 VQTZ Quartz Vein

WHITE QTZ; FRACTURED; TRACE FG DISS PY; CHLOR ALONG OPEN FRACTURES; 193.1-193.5M BRECCIATED QTZ AND HEMATITE QTZ MONZONITE



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

193.50 203.00 **QMON** *Quartz Monzonite*

MODERATE TO STRONG HEMATITE ALT QTZ MONZONITE; SEVERAL HAIRLINE WHITE QTZ STRINGERS AT VARIOUS ORIENTATIONS; 5CM WIDE MAFIC XENOLITH/PATCH AT 196.8M; WEAK PATCHY EPIDOTE; GRADATIONAL CONTACTS

203.00 209.00 SHR Shear

MODERATE SHEAR; SHEARED 50TCA TO PARALLEL IN SOME AREAS; INCREASE IN BIOTITE; MODERATE CHLOR AND HEMATITE ALT; GRADATIONAL CONTACTS; RARE CARB STRINGERS; TRACE FG DISS PY

209.00 215.50 **QMON** *Quartz Monzonite*

QTZ MONZONITE; VERY WEAK FOLIATION 50-60TCA; WEAK HEMATITE ALT; GRADATIONAL CONTACTS; QTZ STRINGERS NEAR UC; NOT MINERALIZED



Hole Number	TPK-11-0	Proj	oject:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag (%	12 A	Agol (%)	Au (g/t)	Au2 (g/t)

215.50 217.00 SHR Shear

MODERATE SHEAR; SHEARED 60TCA; 215.5-216M OPEN FRACTURE PARALLEL TO CA; SHEARING TRUNCATED BY OPEN FRACTURE; FEW QTZ STRINGERS; WEAK CHLOR AND CARB ALT; 0.5% FG DISS PY; GRADATIONAL CONTACTS; VERY TRACE ASPY

217.00 221.20 **QMON** *Quartz Monzonite* WEAK HEMATITE ALT QTZ MONZONITE; LC SHARP 75TCA

221.20 221.40 SHR Shear

MODERATE TO STRONG SHEAR; SHEARED 75TCA; 0.5% FG DISS PY; TRACE ASPY STRINGERS NEAR UC; WEAK CHLOR/CABR ALT; SHARP 75TCA CONTACTS



Hole Number	r TPK-11-0	B Proje	ect:	TPK ROWLANDSON LAKE				Project Nu	mber:	001			
From	То								Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology		Sample #	From	То	Length		(ppm)	(%)	(%)	(g/t)	(g/t)

WEAK HEMATITE ALT

245.50 246.10 VQC Qtz-Carb Vein

QTZ-CARB VN; SHARP CONTACTS 20TCA; CHLOR WITHIN FACTURES; TRACE FG DISS PY

246.10 252.70 SHR Shear WEAK-MODERATE SHEAR; SHEARED 60TCA; TRACE FG DISS PY; CARB STRINGERS; GRADATIONAL CONTACTS; INCREASE IN BIOTITE

252.70 259.40 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTED



Hole Number TPK-11-016				TPK ROWLANDSON LAKE	Project Number: 001							
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

259.40 262.50 SHR Shear WEAK-MODERATE SHEAR; SHEARED 60TCA; TRACE FG DISS PY; CARB STRINGERS; GRADATIONAL CONTACTS; INCREASE IN BIOTITE

262.50 274.65 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTED

274.65 274.85 **VQTZ** *Quartz Vein* SILICIFIED QTZ MONZONITE; QTZ STRINGERS; TRACE TO 0.5% FG DISS PY; GRADATIONAL CONTACTS

274.85 279.70 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTED



Hole Number TPK-11-016				Project:	TPK ROWLANDSON LAKE					Project Number: 001					
From (m)		To (m)	Lithology			Sample #	From	То	Length	A (pr	g ım)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

279.70 279.80 VQTZ Quartz Vein

TRANSPARENT QTZ; CHLOR WITHIN FRACTURES; MOD CARB ALT; TRACE FG DISS PY' TRACE ASPY; SHARP CONTACT 60TCA

279.80	300.00 QMON Quartz Monzonite								
		QTZ MONZONI	TE; UNALTERED; CHLOR ALONG OPEN FRACTURES; EOH						



DRILL HOLE REPORT

Hole Number	ole Number TPK-11-017					: TPK F	ROWLANDSON LA	Project Number: 001				
Drilling		Casing			Core				Location		Other	
Azimuth:	180	Length:		0	Dimension:				Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-65	Pulled:			Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	282	Capped:	yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	21-Feb-11	Cemented:			Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	25-Feb-11										Surveyed:	
Logged:	22-Feb-11										Surveyed by:	Sarah Miller
Comment:	QTZ VN INTERSECTED AT 1	85.8-186.6M: BR	ECCIATED \	WHITE QTZ AND	OTZ MONZONI	ſE:	Coordinate - Ge	ncom	Coordinate - U	тм	Geophysics:	
	MODERATE HEMATITE ALT GRADATIONAL WITH QTZ S	CHLOR ALT; 0.9 TRINGERS AND	5% FG DISS BRECCIATE	PY; FRACTURED	; UC 45TCA; LC	;	East:	442271	East:	442271	Geophysic Contractor:	
							North:	5813499	North:	5813499	Left in hole:	
							Elev.:	249	Elev.:	249	Making water:	
									Zone: 16N	NAD: NAD83	Multi shot surv	ey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments	
0.00	180.00	-65.00	С	\checkmark		
30.00	180.20	-65.10	F	\checkmark		
60.00	177.90	-65.00	F	\checkmark		
90.00	178.80	-65.00	F	\checkmark		
120.00	182.90	-65.20	F	\checkmark		
150.00	183.60	-65.30	F	\checkmark		
180.00	199.10	-65.30	F	\checkmark		
210.00	210.90	-64.00	F	\checkmark		



Hole Number TPK-11-017				Project:	ct: TPK ROWLANDSON LAKE					Project Number: 001					
From	То										Ag	Ag2	Agol	Au	Au2
(m)	(m)			Lithology			Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
0.00	7.00	CAS	Casing												

7.00 7.60 QMON Quartz Monzonite

QTZ MONZONITE; BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; UNALTERED; SMALL QTZ VN NEAR UC

7.60 8.20 APL Aplite Dike APLITE DYKE; GREY; FG; 1 SMALL BLEB IF ASPY; SHARP 40TCA CONTACTS

8.20 11.45 SHR Shear

MODERATE SHEAR; SHEARED 50TCA; 1% ASPY AND TRACE TO 0.5% FG DISS PY; FEW QTZ BLEBS AND STRINGERS; WEAK CARB ALT; GRADATIONAL CONTACTS



Hole Number TPK-11-017				TPK ROWLANDSON LAKE	Project Number: 001							
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

11.45 15.00 **QMON** *Quartz Monzonite*

QTZ MONZONITE; BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; UNALTERED

15.00 15.70 SHR Shear WEAK TO MODERATE SHEAR; SHEARED 40TCA; QTZ STRINGERS; TRACE FG DISS PY; WEAK CARB ALT; GRADATIONAL CONTACTS

15.70 31.40 QMON Quartz Monzonite

QTZ MONZONITE; BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; UNALTERED

31.40 32.30 SHR Shear

WEAK TO MODERATE SHEAR; SHEARED 65TCA; DK GREY; FRACTURED; SILICIFIED; FEW QTZ



Hole Numbe	er TPK-11-0	7	Project:	Project: TPK ROWLANDSON LAKE					Project Number: 001					
From	To	Littology		Sample #	From	То	Length	Ag (ppm)	Ag2	Agol	Au	Au2		
(111)	(11)			Sample #	110111	10	Lengui	(ppiii)	(70)	(70)	(9/1)	(9/1)		

STRINGERS; TRACE FG DISS PY; UC FRACTURED; LC GRADATIONAL

32.30 95.40 **QMON** *Quartz Monzonite*

QTZ MONZONITE; BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; UNALTERED

95.40 95.65 **VQTZ** *Quartz Vein* QTZ VEIN WITH 10CM OF QTZ MONZONITE IN MIDDLE OF VN; CARB ALT; WEAK HEMATITE; MODERATE CHLOR WITHIN FRACTURES; LC 45TCA; UC 85TCA; TRACE FG DISS PY

95.65 96.88 **QMON** *Quartz Monzonite*



Hole Number TPK-11-017				oject: TPK ROWLANDSON LAKE					Project Number: 001					
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)		

96.88 97.07 VQTZ Quartz Vein QTZ VEIN; FRACTURED; CHLOR AND CARB ALT; TRACE FG DISS PY

97.07 115.15 **QMON** *Quartz Monzonite* QTZ MONZONITE WITH WEAK PATCHY HEMATITE ALT

 115.15
 115.45
 FLTG
 Fault Gouge (Open)

 FAULT GOUGE; DARK GREEN; SHEARED 60TCA; CARB STRINGERS; FRACTURED; STRONG CHLOR ALT; SHARP 60TCA CONTACTS

115.45 160.00 FRZ Fracture Zone ERACTURE ZONE: WEAK TO MODERATE HEMATITE ALT: VI

FRACTURE ZONE; WEAK TO MODERATE HEMATITE ALT; VERY BLOCKY/FRACTURED; CHLOR AND CARB ALONG OPEN FRACTURES


Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Numbe	: 001	1			
From (m)	To (m)	Lithology		Sample #	From	То	Length	A (pp	1 A g n) (S	g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

160.00 177.00 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTERED

177.00 180.00 SHR Shear WEAK SHEAR; SHEARED 50TCA; GRADATIONAL CONTACTS; TRACE FG DISS PY

180.00 185.80 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTERED

185.80 186.60 VQTZ Quartz Vein



Hole Numbe	er TPK-11-(D17 Project: TPK I	ROWLANDSON LAKE				Project Number:	001			
From	То			_	_		Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology	Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
		BRECCIATED WHITE QTZ AND QTZ MONZONITE; MODERATE HEMATITE ALT; CHLOR FG DISS PY; FRACTURED; UC 45TCA; LC GRADATIONAL WITH QTZ STRINGERS AND BRECCIATED	: ALT; 0.5%								

186.60 195.00 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTERED

195.00 197.00 **SHR** *Shear* WEAK SHEAR; INCREASE IN BIOTITE; SHEARED AT 30TCA; GRADATIONAL CONTACTS; TRACE FG DISS PY

197.00 219.00 **QMON** *Quartz Monzonite* QTZ MONZONITE; UNALTERED



Hole Number	TPK-1	1-017	Ρ	Project:	TPK ROWLANDSON LAKE	1				Project Numb	er: (001			
From (m)	То (т)		Lithology			Sample #	From	То	Length	4 (P)	lg om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

219.00 224.00 SHR Shear

WEAK SHEAR; SHEARED 75TCA; PATCHY SILICIFICATION; WEAK CHLOR/CARB ALT; 1% FG DISS PY; 0.5% ASPY; GRADATIONAL CONTACTS; POSSIBLE CLUSTER OF REDDISH BROWN SPESSERTINE GARNETS

224.00 282.00 **QMON** *Quartz Monzonite* WEAK PATCHY HEMATITE ALT; RARE ROUNDED MAFIC XENOLITHS UP TO 3CM WIDE; EOH



DRILL HOLE REPORT

Hole Number	FPK-11-018				Projec	t: TPK I	ROWLANDSON I	AKE			Project Number	: 001
Drilling		Casing			Core				Location		Other	
Azimuth:	180	Length:		0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-50	Pulled:	no		Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	300	Capped:	yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	25-Feb-11	Cemented:			Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	01-Mar-11										Surveyed:	
Logged:	26-Feb-11										Surveyed by:	Sarah Miller
Comment:	Shear zone intersected at 48	8-54 15m sheare	d 75TCA at	z stringers 1% ASF	Y and 0.5% P	Y [.] shear	Coordinate - G	emcom	Coordinate - U	тм	Geophysics:	
	zone at 100.1-104.7m sheared with trace py and contacts at 6	d 60TCA, 2% PY 65/60TCA; shear	and trace As zone at 206.	SPY; Fault with qtz 8-210.44 sheared 4	vn at 192.8-193 40-50TCA; qtz s	3.5m stringers,	East:	442323	East:	442226	Geophysic Contractor:	
	2% PT; semi-massive py near	LC					North:	5813531	North:	5813618	Left in hole:	
							Elev.:	247	Elev.:	249	Making water:	
									Zone: 16N	NAD: NAD83	Multi shot surv	yey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments
0.00	180.00	-50.00	С	\checkmark	
30.00	177.40	-50.50	F	\checkmark	
60.00	180.20	-50.50	F	\checkmark	
90.00	181.10	-51.20	F	\checkmark	
120.00	181.70	-50.80	F	\checkmark	
150.00	184.40	-52.50	F	\checkmark	
180.00	184.20	-51.70	F	\checkmark	
210.00	189.60	-51.70	F	\checkmark	
240.00	189.10	-53.40	F	\checkmark	
270.00	189.50	-53.70	F	\checkmark	
300.00	192.80	-54.10	F	\checkmark	



Hole Number	TPK-11-018			Project:	TPK ROWLANDSON LAKE					Project Numb	ber: C	001			
From (m)	To (m)		Litholog	У		Sample #	From	То	Length	G	Ag opm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	6.60	CAS Casin CASING	ng												
6.60	17.00		tz Monzonite			J596212	7.50	9.00	1.50			-	-	-	-
		BLACK AND WHITE;	FG-MG; EUHEDRAL CRYST	ALS; VERY TRACE FG DISS		J596213	9.00	10.00	1.00			-	-	-	-
						J596214	10.00	11.00	1.00			-	-	-	-
						J596215	11.00	12.00	1.00			-	-	-	-
						J596216	12.00	13.50	1.50			-	-	-	-
						1506217	13.50	15.00	1.50			-	_	-	_
						1596210	16.50	17.00	0.50			_	_	_	_
17.00	17.20	SHRShearMODERATE SHEAR, GRADATIONAL; TRACMineralization Maj. :17.00 - 17.20Structure Maj.:17.00 - 17.20	r SHEARED 60TCA; UC QTZ CE-0.5% FG DISS PY Type/Style/%Mineral PY DIS 0.5 Type/Core Angle SHR 60	STRINGER AT 60TCA; WEAK (<i>Comment</i> <i>Comment</i>	ARB ALT; LC										

17.20 17.35 QMON Quartz Monzonite

J596220 17.00 17.50 0.50

- - -

BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS



Hole Number	TF	PK-11-018		Project:	TPK ROWLANDSON LAKE				Project Number:	001	1			
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	A (g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

17.35 17.47 VQTZ Quartz Vein

QTZ VN; SHARP 70TCA CONTACTS; CARB ALT; CHLOR ALT WITHIN FRACTURES; TRACE-0.5% PY

	<i>Structure Maj.:</i> 17.35 - 17.36 17.46 - 17.47	<i>Type/Core Angle</i> UC 70 LC 70	Comment									
18.65	QMON Quartz I BLACK AND WHITE; FG	<i>Monzonite</i> -MG; EUHEDRAL CRYS [~]	TALS; VERY TRACE FG DISS	J596221 J596222	17.50 18.00	18.00 18.50	0.50 0.50		-	-	-	-
19.00	VQTZ Quartz N QTZ VN WITH 8CM OF 9 75TCA; CHLOR WITHIN Mineralization Maj. : 18.65 - 19.00 Structure Mai	/ein SHEARED QTZ MONZON QTZ VN FRACTURES; 0 Type/Style/%Mineral PY DIS 0.5 Type/Core Angle	IITE IN MIDDLE; QTZ STRINGER AT UC; SHEARED .5% FG DISS PY AND BLEBBY PY <i>Comment</i>	J596223	18.50	19.00	0.50		-	-	-	-

17.47

18.65



Hole Number	TPK-11-018		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppr	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		18.65 - 19.00 SHR 75										
19.00	45.55	QMON Quartz Monzonite		J596224	19.00	20.00	1.00		-	-	-	-
		BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRAC	JE FG DISS	J596226	20.00	21.00	1.00		-	-	-	-
				J596227	21.00	22.50	1.50		-	-	-	-
				J596228	22.50	24.00	1.50		-	-	-	-
				J596229	24.00	25.50	1.50		-	-	-	-
				J596230	25.50	27.00	1.50		-	-	-	-
				J596231	27.00	28.50	1.50		-	-	-	-
				J596232	28.50	30.00	1.50		-	-	-	-
				J596233	30.00	31.50	1.50		-	-	-	-
				J596234	31.50	33.00	1.50		-	-	-	-
				J596235	33.00	34.50	1.50		-	-	-	-
				J596236	34.50	36.00	1.50		-	-	-	-
				J596237	36.00	37.50	1.50		-	-	-	-
				J596238	37.50	39.00	1.50		-	-	-	-
				J596239	39.00	40.50	1.50		-	-	-	-
				J596240	40.50	42.00	1.50		-	-	-	-
				J596241	42.00	43.50	1.50		-	-	-	-
				J596242	43.50	44.90	1.40		-	-	-	-
				J596243	44.90	45.40	0.50		-	-	-	-
45.55	45.70	SHR Shear WEAK SHEAR 30TCA; BIOTITE STRINGERS		J596244	45.40	45.90	0.50		-	-	-	-



Hole Number	TPK-11-018	3		Project:	TPK ROWLANDSON LAKE					Project Numb	oer: O	001			
From (m)	To (m)		Litholog	<i>IV</i>		Sample #	From	То	Length	(Ag ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.: 45.55 - 45.70	Type/Core Angle SHR 30	Comment											
45.70	48.80	QMON Quartz BLACK AND WHITE; F	: Monzonite 'G-MG; EUHEDRAL CRYST	TALS; VERY TRACE FG DISS		J596245 J596246 J596247	45.90 47.00 48.00	47.00 48.00 48.80	1.10 1.00 0.80			- - -	- -	-	-
48.80	54.15	SHR Shear				J596248	48.80	49.30	0.50			-	-	-	-
		SHEARED 751CA; GR STRINGERS AT 51.8-5 BIOTITE STRINGERS	ADATIONAL CONTACTS; 5 52 AND AT LC; 1% ASPY; 0 AT 30TCA TO PARALLEL	SECTIONS OF STRONGER SHE).5% PY THROUGHOUT; WEAK TO CA	ARING; Q1Z CARB ALT; FEW	J596249 J596251 J596252	49.30 49.80 50.30	49.80 50.30 50.80	0.50 0.50 0.50			-	-	-	-
		<i>Mineralization Maj. :</i> 48.80 - 54.15 48.80 - 54.15	Type/Style/%Mineral PY DIS 0.5 ASP DIS 1	Comment		J596253 J596254 J596255	50.80 51.30 51.80	51.30 51.80 52.30	0.50 0.50 0.50			- - -	- - -	- - -	- - -
		Structure Maj.: 48.80 - 54.15	Type/Core Angle SHR 75	Comment		J596256 J596257 J596258 J596259	52.30 52.80 53.30 53.80	52.80 53.30 53.80 54.20	0.50 0.50 0.50 0.40			- - -		- - -	



Hole Number	TPK-11-018	Project: TPK ROWLANDSO	N LAKE				Project Numb	er: 001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	, (F	Ag Ag2 pm) (%)	? Agol (%)	Au (g/t)	Au2 (g/t)
54.15	61.50	QMON Quartz Monzonite	J596260	54.20	55.00	0.80		-	-	-	_
		BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS; SEVERAL QTZ	J596261	55.00	56.00	1.00		-	-	-	-
		STRINGERS UP TO 3CM WIDE AND AT 40-60TCA	J596262	56.00	57.00	1.00		-	-	-	-
			J596263	57.00	57.70	0.70		-	-	-	-
			J596264	57.70	58.10	0.40		-	-	-	-
			J596265	58.10	59.00	0.90		-	-	-	-
			J596266	59.00	60.00	1.00		-	-	-	-
			J596267	60.00	60.50	0.50		-	-	-	-
			J596268	60.50	61.00	0.50		-	-	-	-
			J596269	61.00	61.50	0.50		-	-	-	-
61.50	62.00	SHR Shear SHEARED 75TCA; QTZ STRINGERS NEAR CONTACTS; UC GRADATIONAL; LC SHARP 75 AND DEFINED BY 2CM WIDE QTZ STRINGER	J596270	61.50	62.00	0.50		-	-	-	-
62.00	73.00	QMON Quartz Monzonite BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596271 J596272 J596273	62.00 63.00 63.90	63.00 63.90 64.40	1.00 0.90 0.50		- - -	- -	- -	- -
			J596274	64.40	65.20	0.80		-	-	-	-
			J596276	65.20	66.00	0.80		-	-	-	-
			J596277	66.00	67.50	1.50		-	-	-	-
			J596278	67.50	69.00	1.50		-	-	-	-
			J596279	69.00	70.50	1.50		-	-	-	-
			J596280	70.50	72.00	1.50		-	-	-	-



Hole Number	TPK-11-018			Project:	TPK ROWLANDSON LAK	E				Project Number	: 001			
From	Το		1.:46-0-0-0			Sampla #	From	To	Longth	Ag	Ag	2 Agol	Au (a/t)	Au2
(m)	(<i>m</i>)		Litholog	y		Sample #	From	10	Length	(ppi	1) (70)) (70)	(<i>g/l)</i>	(g/i)
						J596281	72.00	73.00	1.00		-	-	-	-
73.00	73.50	SHR Shear				J596282	73.00	73.50	0.50		-	-	-	-
		5CM WIDE SHEAR; SH OF SHEAR; CARB ALT	EARED 35TCA; UC 35TCA ; TRACE FG DISS PY AND	A; LC GRADATIONAL; QTZ STRI D ASPY	NGERS IN MIDDLE									
		Mineralization Maj. :	Type/Style/%Mineral	Comment										
		73.00 - 73.50	ASP DIS 0.1											
		73.00 - 73.50	PY DIS 0.1											
		Structure Maj.:	Type/Core Angle	Comment										
		73.00 - 73.50	SHR 35											
73.50	81.10	QMON Quartz BLACK AND WHITE; FC	<i>Monzonite</i> G-MG; EUHEDRAL CRYST	ALS; VERY TRACE FG DISS		J596283 J596284 J596285 J596286 J596287 J596288	73.50 74.50 75.50 77.00 78.00 79.00	74.50 75.50 77.00 78.00 79.00 80.00	1.00 1.00 1.50 1.00 1.00 1.00		- - - -		- - - -	- - - -
						J596289	80.00	81.00	1.00		-	-	-	-
81.10	81.50	SHR Shear STRONG SHEAR; SHE PY+ASPY	ARED 30TCA; SHARP 30T	CA CONTACTS; CARB STRING	ERS; TRACE	J596290	81.00	81.50	0.50		-	-	-	-
		<i>Mineralization Maj. :</i> 81.10 - 81.50 81.10 - 81.50	Type/Style/%Mineral ASP DIS 0.1 PY DIS 0.1	Comment										
		Structure Maj.:	Type/Core Angle	Comment										
		81.10 - 81.50	SHR 30											



Hole Number	r TPK-11-018	Project: TPK ROWLANDSON LA	AKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
81.50	85.00	QMON Quartz Monzonite	J596291	81.50	82.00	0.50		-	-	-	-
		BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596292	82.00	83.00	1.00		-	-	-	-
			J596293	83.00	84.00	1.00		-	-	-	-
			J596294	84.00	85.00	1.00		-	-	-	-
05.00	04.00										
85.00	91.00	SHK SNEAR MODERATE SHEAR' SHEARED 50TCA' GRADATIONAL CONTACTS' RANDOM CARB STRINGERS'	J596295	85.00	86.00	1.00		-	-	-	-
		TRACE FG DISS PY	J596296	86.00	87.00	1.00		-	-	-	-
			J596297	87.00	88.00	1.00		-	-	-	-
			J596298	88.00	89.00	1.00		-	-	-	-
		Structure Mai.: Type/Core Angle Comment	J596299	89.00	90.00	1.00		-	-	-	-
		85.00 - 91.00 SHR 50	J596301	90.00	91.00	1.00		-	-	-	-
91.00	100.10	QMON Quartz Monzonite	J596302	91.00	92.00	1.00		-	-	-	-
		BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596303	92.00	93.00	1.00		-	-	-	-
			J596304	93.00	94.00	1.00		-	-	-	-
			J596305	94.00	95.00	1.00		-	-	-	-
			J596306	95.00	96.00	1.00		-	-	-	-
			J596307	96.00	96.50	0.50		-	-	-	-
			J596308	96.50	97.50	1.00		-	-	-	-
			J596309	97.50	99.00	1.50		-	-	-	-



Hole Number	Imber TPK-11-018			Project: TPK ROWLANDSOI	I LAKE				Project Number:	001			
From (m)	То (т)		Litholog	y	Sample #	From	То	Length	Ag (ppr	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
					J596310	99.00	99.70	0.70		-	-	-	-
					J596311	99.70	100.10	0.40		-	-	-	-
100.10	104.70	SHR Shear			J596312	100.10	100.60	0.50		-	-	-	-
		SHEARED 60TCA; UC	SHARP AND QTZ STRING	ER/OPEN FRACTURE AT 60TCA; LC	J596313	100.60	101.10	0.50		-	-	-	-
		GRADATIONAL; 2% FG	G DISS PY; TRACE FG ASF	PY; CARB STRINGERS FOLLOWING SHEARING	J596314	101.10	101.60	0.50		-	-	-	-
					J596315	101.60	102.10	0.50		-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment	J596316	102.10	102.60	0.50		-	-	-	-
		100.10 - 104.70	PY DIS 2		J596317	102.60	103.10	0.50		-	-	-	-
		Cámicatura Mai -		Common (J596318	103.10	103.60	0.50		-	-	-	-
		Structure Maj.:	SUP 20	Comment	J596319	103.60	104.10	0.50		-	-	-	-
		100.80 - 104.70	SHR 60		J596320	104.10	104.70	0.60		-	-	-	-
104.70	127.00	QMON Quartz	Monzonite		J596321	104.70	105.20	0.50		-	-	-	-
		BLACK AND WHITE; FO	G-MG; EUHEDRAL CRYST	ALS; VERY TRACE FG DISS	J596322	105.20	106.00	0.80		-	-	-	-
					J596323	106.00	107.00	1.00		-	-	-	-
					J596324	107.00	108.00	1.00		-	-	-	-
					J596326	108.00	109.50	1.50		-	-	-	-
					J596327	109.50	111.00	1.50		-	-	-	-
					J596328	111.00	112.50	1.50		-	-	-	-
					J596329	112.50	114.00	1.50		-	-	-	-
					J596330	114.00	115.50	1.50		-	-	-	-
					J596331	115.50	117.00	1.50		-	-	-	-
					J596332	117.00	118.50	1.50		-	-	-	-
					J596333	118.50	120.00	1.50		-	-	-	-



Hole Number	TPK-11-018	Project: TPK ROWLANE	DSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
			J596334	120.00	121.50	1.50		-	-	-	-
			J596335	121.50	123.00	1.50		-	-	-	-
			J596336	123.00	124.50	1.50		-	-	-	-
			J596337	124.50	126.00	1.50		-	-	-	-
			J596338	126.00	126.70	0.70		-	-	-	-
			J596339	126.70	127.20	0.50		-	-	-	-
127.00	127.03	VQTZQuartz VeinQTZ VN; SHARP CONTACTS 70TCA; TRACE FG DISS PY; CHLOR WITHIN FRACTURESStructure Maj.:Type/Core AngleComment127.00 - 127.01UC70127.02 - 127.03LC70									
127.03	135.00	QMON Quartz Monzonite BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596340 J596341 J596342 J596343 J596344 J596345	127.20 128.00 129.00 130.50 132.00 133.50	128.00 129.00 130.50 132.00 133.50 135.00	0.80 1.00 1.50 1.50 1.50 1.50		- - - -			- - - -

135.00 135.06 VQTZ Quartz Vein

QTZ VN; SHARP CONTACTS 50TCA; TRACE FG DISS PY; CHLOR WITHIN FRACTURES

Structure Maj.:	Type/Core Angle	Comment	
135.00 - 135.01	UC 50		



Hole Number	TPK-11-018	Project:	TPK ROWLANDSON LAKE				Project Number	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppr	Ag2)) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		135.05 - 135.06 LC 50									
135.06	163.76	QMON Quartz Monzonite	J596346	135.00	135.50	0.50		-	-	-	-
		BLACK AND WHITE; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596347	135.50	137.00	1.50		-	-	-	-
			J596348	137.00	138.00	1.00		-	-	-	-
			J596349	138.00	139.50	1.50		-	-	-	-
			J596351	139.50	141.00	1.50		-	-	-	-
			J596352	141.00	142.50	1.50		-	-	-	-
			J596353	142.50	144.00	1.50		-	-	-	-
			J596354	144.00	145.50	1.50		-	-	-	-
			J596355	145.50	147.00	1.50		-	-	-	-
			J596356	147.00	148.50	1.50		-	-	-	-
			J596357	148.50	150.00	1.50		-	-	-	-
			J596358	150.00	151.50	1.50		-	-	-	-
			J596359	151.50	153.00	1.50		-	-	-	-
			J596360	153.00	154.50	1.50		-	-	-	-
			J596361	154.50	156.00	1.50		-	-	-	-
			J596362	156.00	157.50	1.50		-	-	-	-
			J596363	157.50	159.00	1.50		-	-	-	-
			J596364	159.00	160.50	1.50		-	-	-	-
			J596365	160.50	162.00	1.50		-	-	-	-
			J596366	162.00	163.50	1.50		-	-	-	-
			J596367	163.50	164.00	0.50		-	-	-	-

163.76 163.85 VQTZ Quartz Vein



Hole Number	TPK-11-018			Project:	TPK ROWLANDSON LAKE					Project Numb	oer:	001			
From (m)	To (m)		Litholog	av		Sample #	From	То	Length	Ű	Ag opm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		WHITE QTZ ON HALF OI ALT ALONG MARGINS; F	F THE CORE; WEAK CH EW BLEBS OF PY	ILOR WITHIN FEW FRACTURES	S; WEAK HEMATITE										
163.85	166.40	QMON Quartz M BLACK AND WHITE; FG-	lonzonite MG; EUHEDRAL CRYS	TALS; VERY TRACE FG DISS		J596368 J596369 J596370	164.00 165.00 165.90	165.00 165.90 166.40	1.00 0.90 0.50			- -	- -	- -	- - -
166.40	167.00	FLTG Fault Go FAULT GOUGE; SEVER/ SHARP OPEN FRACTUR	uge (Open) AL QTZ VEINS UP TO 3 E AT 70TCA; TRACE FO	CM WIDE; BLOCKY; STRONG C G DISS PY	HLOR LAT; UC	J596371	166.40	167.00	0.60			-	-	-	-
		<i>Structure Maj.:</i> 166.40 - 166.41	Type∕Core Angle UC 70	Comment											



Hole Number	TPK-11-018	Project: TPK ROWLANDSON LA	AKE				Project Number:	001			
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
167.00	171.70	FRZ Fracture Zone	J596372	167.00	168.00	1.00		-	-	-	-
		FRACTURE ZONE; BLOCKY CORE; STRONG HEMATITE ALT; CHLOR ALONG FRACTURE PLANES	J596373	168.00	169.00	1.00		-	-	-	-
			J596374	169.00	170.00	1.00		-	-	-	-
			J596376	170.00	171.00	1.00		-	-	-	-
			J596377	171.00	171.70	0.70		-	-	-	-
171.70	179.94	QMONQuartz MonzoniteSTRONG HEMATITE ALT; FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISSAlteration Maj:Type/Style/Intensity171.70 - 179.94HEPS	J596378 J596379 J596380 J596381 J596382 J596383 J596384	171.70 173.00 174.00 175.50 177.00 178.50 179.20	173.00 174.00 175.50 177.00 178.50 179.20 179.90	1.30 1.00 1.50 1.50 1.50 0.70 0.70			-	-	- - - -
179.94	181.50	APLAplite Dike4 APLITE DYKES CROSSCUTTING QTZ MONZONITE; STRONG HEMATITE ALT; 20CM WIDE; SHARP 40-50TCA CONTACTS; TRACE FG DISS PY	J596385 J596386 J596387	179.90 180.50 180.90	180.50 180.90 181.50	0.60 0.40 0.60		- -	- - -	- - -	- -



Hole Number	TPK-11-018			Project: TPK ROWLANDSO	N LAKE				Project Nur	nber: 0	01			
From (m)	To (m)		Litholog	<i>av</i>	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
181.50	192.80	QMON Qua	rtz Monzonite		J596388	181.50	183.00	1.50			-	-	-	-
		PATCHY MODERAT	E HEMATITE ALT; FG-MG; E	UHEDRAL CRYSTALS; VERY TRACE FG DISS;	J596389	183.00	184.50	1.50			-	-	-	-
		RARE CARB STRIN	GERS		J596390	184.50	186.00	1.50			-	-	-	-
					J596391	186.00	187.50	1.50			-	-	-	-
					J596392	187.50	189.00	1.50			-	-	-	-
					J596393	189.00	190.00	1.00			-	-	-	-
					J596394	190.00	191.00	1.00			-	-	-	-
					J596395	191.00	192.00	1.00			-	-	-	-
					J596396	192.00	192.80	0.80			-	-	-	-
192.80	193.10	FLTG Fau FAULT GOUGE; GR	<i>It Gouge (Open)</i> EEN; GRAVELY BROKEN CO	DRE; STRONG CHLOR ALT; LC 65TCA										
		Alteration Maj:	Type/Style/Intensity	Comment										
		192.80 - 193.10	CHL P I											
		Structure Maj.:	Type/Core Angle	Comment										
		192.80 - 193.00	FLT											
		193.00 - 193.10	LC 65											
193.10	193.50	VOTZ Qua	urtz Vein		1596397	192 80	193 50	0 70			_	_	_	_
100.10	100.00	WHITE QTZ; CHLOF TRACE FG DISS PY	R AND HEMATITE ALT WITH (; LC SHARP 60TCA	IN FRACTURES; OPEN FRACTURES AT 50TCA;	3330397	192.00	193.00	0.70						
		Structure Maj.:	Type/Core Angle	Comment										
		193.40 - 193.50	LC 60											



Hole Number	TPK-11-018			Project: TPK ROWLANDSON	LAKE				Project Numbe	er: 00	1			
From (m)	То (т)		Litholog	IY	Sample #	From	То	Length	, (P)	lg A om) (\g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
193.50	206.80	QMON Quart	z Monzonite		J596398	193.50	194.00	0.50			-	-	-	-
		MODERATE HEMATI	TE ALT 204-206.8M; FG-MG S NEAR LC: GRADATIONA	; EUHEDRAL CRYSTALS; VERY TRACE FG DISS;	J596399	194.00	195.00	1.00			-	-	-	-
		Altoration Mai:		Commont	J596401	195.00	196.50	1.50			-	-	-	-
				Comment	J596402	196.50	198.00	1.50			-	-	-	-
		204.00 - 206.80	HE P M		J596403	198.00	199.50	1.50			-	-	-	-
					J596404	199.50	201.00	1.50			-	-	-	-
					J596405	201.00	202.50	1.50			-	-	-	-
					J596406	202.50	204.00	1.50			-	-	-	-
					J596407	204.00	205.50	1.50			-	-	-	-
					J596408	205.50	206.00	0.50			-	-	-	-
					J596409	206.00	206.80	0.80			-	-	-	-
206.80	210.44	SHR Shear	r		J596410	206.80	207.50	0.70			-	-	-	-
		WEAK TO MODERAT	E SHEAR; SHEARED 40-50	TCA; QTZ STRINGERS AT RANDOM	J596411	207.50	208.00	0.50			-	-	-	-
		ORIENTATIONS; 2% I	FG DISS PY; SEMI-MASSIV	E PY NEAR QTZ STRINGER NEAR LC	J596412	208.00	208.50	0.50			-	-	-	-
					J596413	208.50	209.00	0.50			-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment	J596414	209.00	209.50	0.50			-	-	-	-
		206.80 - 210.44	PY SM 0.5		J596415	209.50	210.00	0.50			-	-	-	-
		206.80 - 210.44	PY DIS 2		.1596416	210.00	210.50	0.50			-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment		2.0.00	2.0.00	0.00						
		206.80 - 210.44	SHR 45											



Hole Number	TPK-11-018	1		Project: TPK ROWLANDSON	LAKE				Project Number:	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	Ag (ppn	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
210.44	215.44	QMON Quartz	Monzonite		J596417	210.50	211.50	1.00		-	-	-	_
		FG-MG; EUHEDRAL CF	RYSTALS; VERY TRACE F	G DISS	J596418	211.50	213.00	1.50		-	-	-	-
					J596419	213.00	214.50	1.50		-	-	-	-
					J596420	214.50	215.40	0.90		-	-	-	-
215.44	215.73	SHR Shear			J596421	215.40	215.80	0.40		-	-	-	-
		MODERATE SHEAR; S SHARP CONTACTS; U	HEARED 65-75TCA; SHEA C 65TCA; LC 75-80TCA	R CHANGES MID SHEAR; 0.5-1% FG DISS PY;									
		Mineralization Maj. :	Type/Style/%Mineral	Comment									
		215.44 - 215.73	PY DIS 1										
		Structure Maj.:	Type/Core Angle	Comment									
		215.44 - 215.45	UC 65										
		215.45 - 215.60	SHR 65										
		215.60 - 215.72	SHR 75										
		215.72 - 215.73	LC 75										
215.73	219.16	SHR Shear			J596422	215.80	216.30	0.50		-	-	-	-
		WEAK TO MODERATE	SHEAR; SHEARED 70TC	A; GRADATIONAL CONTACTS; TRACE FG DISS PY	J596423	216.30	216.80	0.50		-	-	-	-
					J596424	216.80	217.30	0.50		-	-	-	-
					J596426	217.30	217.80	0.50		-	-	-	-
					J596427	217.80	218.30	0.50		-	-	-	-
					J596428	218.30	218.80	0.50		-	-	-	-
					J596429	218.80	219.20	0.40		-	-	-	-



Hole Number	TPK-11-018	Project: TP	YK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
219.16	220.80	QMON Quartz Monzonite	J596430	219.20	219.90	0.70		-	-	-	-
		FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596431	219.90	220.60	0.70		-	-	-	-
220.80	220.94	VQTZ Quartz Vein TWO 2CM WIDE QTZ VN. WEAK SHEAR 60TCA; 0.5% BLEBBY PY WITHIN QTZ; FEW STRINGERS; CARB AND CHLOR ALT	J596432 V BIOTITE	220.60	221.10	0.50		-	-		-
220.94	234.55	QMON Quartz Monzonite FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596433 J596434 J596435 J596436 J596437 J596438	221.10 222.00 223.50 225.00 226.50 228.00	222.00 223.50 225.00 226.50 228.00 229.50	0.90 1.50 1.50 1.50 1.50 1.50		- - - -	-	-	-
			J596439 J596440 J596441 J596442	229.50 231.00 232.50 234.00	231.00 232.50 234.00 234.50	1.50 1.50 1.50 0.50		- - -	- - -	- - -	
234.55	234.78	APL Aplite Dike GREY; CARB ALT; UC SHARP 40TCA; LC 50TCA WITH BIOTITE AND CHLOR STRING	J596443 GERS; 0.5% PY	234.50	235.00	0.50		-	-	-	-



Hole Number	r TPK-11-018			Project:	TPK ROWLANDSON LAK	Ē				Project Numb	er: (001			
From (m)	To (m)		Litholog	IV.		Sample #	From	То	Length	μ (ρ	\g pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		MOSTLY NEAR LC													
		Structure Maj.: 234.55 - 234.56	Type∕Core Angle UC 40	Comment											
		234.77 - 234.78	LC 50												
234.78	237.80	SHR Shear				J596444	235.00	236.00	1.00			-	-	-	-
		WEAK SHEAR; OCCAS	SIONAL CLUSTERS OF BI	OTITE STRINGERS; SHEARED	60-90TCA; 1% FG	J596445	236.00	237.00	1.00			-	-	-	-
		DISS PT, GRADATION	AL CONTACTS			J596446	237.00	237.80	0.80			-	-	-	-
		<i>Mineralization Maj. :</i> 234.78 - 237.80	Type∕Style∕%Mineral PY DIS 1	Comment											
		<i>Structure Maj.:</i> 234.78 - 237.80	Type/Core Angle SHR 60	Comment											
007.00	047.00		Manaanita			1500447	007.00	000 50	0.70						
237.00	247.60	EG-MG [·] EUHEDRAL CE	WONZONNE RYSTALS: VERY TRACE F	GDISS		J596447	237.80	238.50	0.70			-	-	-	-
				0 0100		J596448	238.50	240.00	1.50			-	-	-	-
						J596449	240.00	241.50	1.50			-	-	-	-
						J596451	241.50	243.00	1.50			-	-	-	-
						1596452	243.00	244.50	1.50					_	
						1090403	244.00	240.00	1.00			-	-	-	-
						J390434	240.00	247.00	1.00			-	-	-	-
						J596455	247.00	247.80	0.80			-	-	-	-



Hole Number	Number TPK-11-018			Pro	ect: TPK ROWLANDS	ON LAKE				Project Number:	001			
From (m)	To (m)		Litholc	рду		Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
247.80	248.20	APL Aplite GREY-GREEN; WEAK	Dike (HEMATITE AND CARB A	LT; SHARP CONTACTS 75T	CA; TRACE FG DISS PY	J596456	247.80	248.20	0.40		-	-	-	-
		<i>Structure Maj.:</i> 247.80 - 247.90 248.10 - 248.20	Type/Core Angle UC 75 LC 75	Comment										
248.20	264.70	QMON Quart FG-MG; EUHEDRAL C	z Monzonite CRYSTALS; VERY TRACE	FG DISS		J596457 J596458 J596459 J596460 J596461 J596462 J596463 J596464 J596465	248.20 249.00 250.50 252.00 253.50 255.00 256.50 258.00 259.50	249.00 250.50 252.00 253.50 255.00 256.50 258.00 259.50 261.00	0.80 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.5					
						J596466 J596467 J596468	261.00 262.50 264.00	262.50 264.00 264.70	1.50 1.50 0.70		-	- -	- - -	- - -
264.70	265.95	SHR Shear STRONG SHEAR; SHI STRINGERS NEAR LO MINERALIZED	, EARED 70TCA; 0.5-1% FG C; UC 70TCA; LC 70TCA; (DISS PY; TRACE ASPY; W QT STRINGER CONTAINS C	EAK CARB ALT; QTZ HLOR AND CARB AND IS	J596469 J596470	264.70 265.50	265.50 266.00	0.80 0.50		-	-	-	-



Hole Number	TPK-11-018	Project: TPK ROWLANDSON LA	AKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
265.95	274.20	QMON Quartz Monzonite	J596471	266.00	267.00	1.00		-	-	-	-
		FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596472	267.00	268.50	1.50		-	-	-	-
			J596473	268.50	270.00	1.50		-	-	-	-
			J596474	270.00	271.50	1.50		-	-	-	-
			J596476	271.50	273.00	1.50		-	-	-	-
			J596477	273.00	274.20	1.20		-	-	-	-
274.20	277.60	QMON Quartz Monzonite	J596478	274.20	275.00	0.80		-	-	-	-
		CHLOR AND EPIDOTE OVERPRINT; LOW ANGLE HEALED FRACTURES; APPLE GREEN	J596479	275.00	276.00	1.00		-	-	-	-
		FRACTORE-FILLED CHLOR, 0.3-1% FG DISS FT, FEW OPEN LOW ANGLE FRACTORES 10-201CA	J596480	276.00	276.80	0.80		-	-	-	-
			J596481	276.80	277.60	0.80		-	-	-	-
277.60	279.77	QMON Quartz Monzonite	J596482	277.60	278.60	1.00		-	-	-	-
		FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596483	278.60	279.70	1.10		-	-	-	-
279.77	280.30	APL Aplite Dike	J596484	279.70	280.30	0.60		-	-	-	-
		PINK; FG; SUGAKY TEXTURE; BIOTTE AND FELDSPAR CLASTS; HEMATTE ALT; SHARP CONTACTS 70TCA; TRACE FG DISS PY									



Hole Number	TPK-11-018			F	Project:	TPK ROWLANDSON LAKE					Project Nun	nber:	001			
From (m)	To (m)		Litholo	gy			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		Structure Maj.:	Type/Core Angle	Comment												
		279.77 - 279.78	UC 70													
		280.29 - 280.30	LC 70													
280.30	290.60	QMON Quartz M	onzonite				J596485	280.30	281.00	0.70			-	-	-	-
		FG-MG; EUHEDRAL CRY	STALS; VERY TRACE	FG DISS			J596486	281.00	282.00	1.00			-	-	-	-
							J596487	282.00	283.50	1.50			-	_	-	-
							J596488	283.50	285.00	1.50			-	_	-	-
							.1596489	285.00	286.50	1.50			-	_	-	-
							.1596490	286.50	288.00	1.50			_	_	_	-
							1596491	288.00	289 30	1 30			_	_	_	-
							1596492	289.30	290.60	1.30			-	_	-	_
							0000102	200.00	200.00	1.00						
290.60	290.96	SHR Shear SHEARED 60TCA; GRAD	ATIONAL UC; LC SHA	RP 80TCA; TRACE PY			J596493	290.60	291.00	0.40			-	-	-	-
		<i>Structure Maj.:</i> 290.60 - 290.95	Type/Core Angle SHR 60	Comment												
		290.95 - 290.96	LC 80													
290.96	291.26	VQTZ Quartz V	ein R WITH OTZ VN AND (DTZ STRINGERS [,] SHEAF	RED 801	CA-1 C	J596494	291.00	291.40	0.40			-	-	-	-

IRREGULAR; CHLOR ALT; CARB WITHIN VEIN; 1% FG DISS PY AND BLEBBY PY; TRACE ASPY



Hole Numbe	e Number TPK-11-018				Project:	TPK ROWLANDSON LAKE	E				Project Numb	oer: (001			
From (m)	To (m)		Litholog	у			Sample #	From	То	Length	(Ag opm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		<i>Mineralization Maj. :</i> 290.96 - 291.26 290.96 - 291.26	Type/Style/%Mineral ASP FG 0.1 PY DIS 1	Comment												
		<i>Structure Maj.:</i> 290.96 - 291.26	Type/Core Angle SHR 80	Comment												

291.26 291.40 **QMON** *Quartz Monzonite* FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS

291.40 291.45 APL Aplite Dike PINK; FG; SUGARY TEXTURE; BIOTITE AND FELDSPAR CLASTS; HEMATITE ALT; SHARP CONTACTS 85TCA; TRACE FG DISS PY

Structure Maj.:	Type/Core Angle	Comment
291.40 - 291.41	UC 85	
291.44 - 291.45	LC 85	



Hole Number	TPK-11-018	F	Project: TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
291.45	294.73	QMON Quartz Monzonite	J596495	291.40	292.00	0.60		-	-	-	-
		FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS	J596496	292.00	293.00	1.00		-	-	-	-
			J596497	293.00	294.00	1.00		-	-	-	-
			J596498	294.00	294.70	0.70		-	-	-	-
294.73	295.20	APLAplite DikeSAME AS ABOVE BUT NO BIOTITE AND FELDSPAR CLASTS; HEMATIT85-90TCA; TRACE FG DISS PY	J596499 E ALT; SHARP CONTACTS	294.70	295.20	0.50		-	-	-	-
		Structure Maj.: Type/Core Angle Comment									

294.73 - 294.74 UC 85

295.19 - 295.20 LC 85

 295.20
 297.97
 QMON
 Quartz Monzonite

FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS

297.97 298.10 **APL** *Aplite Dike*

SAME AS ABOVE; UC 70TCA; LC 50TCA



Hole Numbe	le Number TPK-11-018					TPK ROWLANDSON LAKE	E				Project Number:	001			
From (m)	To (m)		l ithole	Dav			Sample #	From	Το	Lenath	Ag (pom)	Ag2 (%)	Agol (%)	Au (a/t)	Au2 (a/t)
(111)	(11)	Structure Mai ·	Type/Core Angle	Comment						g.:					
		297.97 - 297.98	UC 70	Comment											
		297.99 - 298.10	LC 50												

298.10 300.00 **QMON** *Quartz Monzonite*

FG-MG; EUHEDRAL CRYSTALS; VERY TRACE FG DISS



DRILL HOLE REPORT

Hole Number	e Number TPK-11-019						ROWLANDSON	LAKE			Project Number	: 001
Drilling		Casing			Core				Location		Other	
Azimuth:	180	Length:		0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-50	Pulled:			Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	300	Capped:	yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	02-Mar-11	Cemented:			Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	06-Mar-11										Surveyed:	
Logged:	03-Mar-11										Surveyed by:	Sarah Miller
Comment:	191.9-199m STRONG SERICI	TE ALT [.] SHEAR	FD 60TCA	2-5% FG DISS PY	251.8-254m S	TRONG	Coordinate - (Gemcom	Coordinate - U	тм	Geophysics:	
	SERICITE ALT; SHEARED 50 253.3-253.7M	TCA; 5% FG DIS	SS PY; QTZ	FLOODING ON HA	LF OF THE CO	DRE AT	East:	442376	East:	442376	Geophysic Contractor:	
							North:	5813527	North:	5813527	Left in hole:	
							Elev.:	252	Elev.: Zone: 16N	252 NAD: NAD83	Making water: Multi shot surv	rey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments	
0.00	180.00	-50.00	С	\checkmark		
30.00	188.30	-48.10	F	\checkmark		
60.00	191.30	-48.80	F	\checkmark		
90.00	192.10	-49.00	F	\checkmark		
120.00	194.00	-49.60	F	\checkmark		
150.00	195.60	-49.80	F	\checkmark		
180.00	199.70	-49.90	F	\checkmark		
210.00	191.40	-49.10	F	\checkmark		
240.00	201.40	-50.00	F	\checkmark		



Hole Number	TPK-11-019)		Project: TPK ROWLANDSON	LAKE				Project Num	iber:	001			
From (m)	To (m)		Litholog	У	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	10.60	CAS Casi CASING	ing											
10.60	14.90	QMON Qua BLACK AND WHITE CROSSCUTTING CA	r tz Monzonite ; MOSTLY EQUIGRANULAR (ARB STRINGERS; TRACE FG	QTZ-FELDSPAR-BIOTITE GRAINS; OCCASIONAL ; DISS PY	J596507 J596508 J596509	11.00 12.00 13.50	12.00 13.50 14.90	1.00 1.50 1.40			-	-	- -	- -
14.90	15.50	SHR Shea STRONG SHEAR; FI CHLOR ALT; 2% FG <i>Mineralization Maj. :</i> 14.90 - 15.50	ar EW QTZ STRINGERS; OPEN DISS PY AND ASPY; CONTA Type/Style/%Mineral ASP	FRACTURES AT 90TCA; SHEARED 90TCA; WEAK ACTS SHARP 90TCA Comment	J596510	14.90	15.50	0.60				-	-	-
		14.90 - 15.50 <i>Structure Maj.:</i> 14.90 - 15.50	PY DIS 2 Type/Core Angle SHR 90	Comment										



Hole Number	TPK-11-019				Project:	TPK ROWLANDSON LAKE					Project Numb	er: 0	01			
From (m)	То (т)			Lithology			Sample #	From	То	Length	()	\g pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
15.50	25.50	QMON	Quartz Monzonite				J596511	15.50	16.00	0.50			-	-	-	-
		TRACE PY;	RARE CARB STINGERS				J596512	16.00	17.00	1.00			-	-	-	-
							J596513	17.00	18.00	1.00			-	-	-	-
							J596514	18.00	19.50	1.50			-	-	-	-
							J596515	19.50	21.00	1.50			-	-	-	-
							J596516	21.00	22.50	1.50			-	-	-	-
							J596517	22.50	24.00	1.50			-	-	-	-
							J596518	24.00	25.50	1.50			-	-	-	-
25.50	25.95	APL APLITE DYK FRACTURES	<i>Aplite Dike</i> E; GREENISH GREY; WE, S: TRACE TO 0.5% FG DIS	AK-MODERATE CHLOR ALT ANI S PY: UC 65TCA AND SHEAREI	D CHLOR ' D: LC 50TC	WITHIN	J596519	25.50	26.00	0.50			-	-	-	-

Structure Maj.:	Тур	e/Core Angle	Comment
25.50 - 25.51	UC	65	
25.94 - 25.95	LC	50	

25.95	32.75	QMON	Quartz Monzonite	J596520	26.00	27.00	1.00	-	-	-	-
		QTZ MONZON	NITE; FG-MG; BLACK AND WHITE; OCCASIONAL CARB STRINGERS; TRACE FG DISS	J596521	27.00	28.00	1.00	-	-	-	-
		PT		J596522	28.00	28.50	0.50	-	-	-	-
				J596523	28.50	30.00	1.50	-	-	-	-
				J596524	30.00	31.00	1.00	-	-	-	-
				J596526	31.00	31.60	0.60	-	-	-	-
				J596527	31.60	32.60	1.00	-	-	-	-



Hole Number	TPK-11-019			Project:	TPK ROWLANDSON LAKE	E				Project Number	: 001			
From (m)	To (m)		Litholo	рду		Sample #	From	То	Length	A g (ppi	, Ag n) (%	2 Agol) (%)	Au (g/t)	Au2 (g/t)
32.75	33.00	33.00 APL Aplite Dike APLITE DYKE; GREENISH GREY; WEAK-MODERATE CHLOR ALT FRACTURES; TRACE FG DISS PY; UC 45TCA; LC 70 AND SHEARE			VITHIN	J596528	32.60	33.10	0.50		-	-	-	-
		<i>Structure Maj.:</i> 32.75 - 32.76 32.99 - 33.00	Type∕Core Angle UC 45 LC 70	Comment										
33.00	35.75	QMON Quar QTZ MONZONITE; FC PY	tz Monzonite G-MG; BLACK AND WHITE	; OCCASIONAL CARB STRINGER	S; TRACE FG DISS	J596529 J596530	33.10 34.50	34.50 35.70	1.40 1.20			-	-	-
35.75	36.20	APL Aplit APLITE DYKE; GREE FRACTURES; TRACE	e <i>Dike</i> ENISH GREY; WEAK-MODE E FG DISS PY; UC 75TCA;	ERATE CHLOR ALT AND CHLOR V LC 60TCA	VITHIN	J596531	35.70	36.20	0.50		-	-	-	-
		Structure Maj.: 35.75 - 35.76 36.19 - 36.20	Type/Core Angle UC 75 LC 60	Comment										



Hole Number	TPK-11-019			Project:	TPK ROWLANDSON	LAKE				Project Number	001			
From (m)	To (m)		Litholo	gy		Sample #	From	То	Length	Ag (ppn	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
36.20	38.80	QMON Qu QTZ MONZONITE; PY	artz Monzonite FG-MG; BLACK AND WHITE;	; OCCASIONAL CARB STRINGER	S; TRACE FG DISS	J596532 J596533	36.20 37.50	37.50 38.70	1.30 1.20		-	-	-	-
38.80	39.00	APL Aplite Dike APLITE DYKE; GREENISH GREY; WEAK-MODERATE CHLOR ALT AN FRACTURES; TRACE FG DISS PY; UC 55TCA; LC 60TCA		ERATE CHLOR ALT AND CHLOR W LC 60TCA Comment	VITHIN	J596534	38.70	39.10	0.40		-	-	-	-
		38.80 - 38.81 38.99 - 39.00	UC 55 LC 60											
39.00	40.00	QMON QU QTZ MONZONITE; PY	a rtz Monzonite FG-MG; BLACK AND WHITE;	; OCCASIONAL CARB STRINGER	S; TRACE FG DISS	J596535	39.10	40.00	0.90		-	-	-	-



Hole Number	TPK-11-019	19 Project: TPK ROWLANDSON LAKE							Project Number: 001						
From (m)	To (m)		Litholog	<i>y</i>	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)		
40.00	41.40	SHR Shear			J596536	40.00	41.00	1.00		-	-	-	-		
		STRONG SHEAR; SHE SHARP 60TCA; LC 65T	ARED 80TCA; WEAK CHL CA AND OPEN FRACTUR	OR ALT; 1% FG DISS PY; TRACE ASPY; UC E	J596537	41.00	41.40	0.40		-	-	-	-		
		<i>Mineralization Maj. :</i> 40.00 - 41.40 40.00 - 41.40	Type/Style/%Mineral ASP 0.01 PY DIS 1	Comment											
		Structure Maj.:	Type/Core Angle	Comment											
		40.00 - 40.10	UC 60												
		40.10 - 41.39	SHR 80												
		41.39 - 41.40	LC 65												
41.40	63.60	QMON Quartz)N Quartz Monzonite			41.40	42.00	0.60		-	-	-	-		
		QTZ MONZONITE; FG-I PY	MG; BLACK AND WHITE;	OCCASIONAL CARB STRINGERS; TRACE FG DISS	J596539	42.00	43.50	1.50		-	-	-	-		

J596539	42.00	43.50	1.50		-	-	-	-
J596540	43.50	45.00	1.50		-	-	-	-
J596541	45.00	46.50	1.50		-	-	-	-
J596542	46.50	48.00	1.50		-	-	-	-
J596543	48.00	49.00	1.00		-	-	-	-
J596544	49.00	50.00	1.00		-	-	-	-
J596545	50.00	51.00	1.00		-	-	-	-
J596546	51.00	52.50	1.50		-	-	-	-
J596547	52.50	54.00	1.50		-	-	-	-
J596548	54.00	55.50	1.50		-	-	-	-
J596549	55.50	57.00	1.50		-	-	-	-
J596551	57.00	58.50	1.50		-	-	-	-
J596552	58.50	60.00	1.50		-	-	-	-
J596553	60.00	61.50	1.50		-	-	-	-



Hole Number	TPK-11-019			Project:	TPK ROWLANDSO	N LAKE				Project Num	nber:	001			
From (m)	To (m)	Lithology				Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
						J596554	61.50	63.00	1.50			-	-	-	-
						J596555	63.00	63.50	0.50			-	-	-	-
63 60	63.80		Anlite Dike			1596556	63 50	64.00	0.50			_	_	_	-
00.00	00.00	APLITE DYKE FRACTURES;	; GREENISH GREY; WEAK-MODE TRACE FG DISS PY; UC 65TCA;	RATE CHLOR ALT AND CHLOR _C 60TCA	2 WITHIN	000000	00.00	04.00	0.00						
		Structure Mai	· Type/Core Angle	Comment											
		63.60 - 63.61	UC 65	Common											
		63.79 - 63.80	LC 60												
63.80	64.70	QMON QTZ MONZON PY	Quartz Monzonite IITE; FG-MG; BLACK AND WHITE	OCCASIONAL CARB STRINGE	RS; TRACE FG DISS	J596557	64.00	64.50	0.50			-	-	-	-
64.70	64.80	APL APLITE DYKE FRACTURES;	<i>Aplite Dike</i> ; GREENISH GREY; WEAK-MODE TRACE FG DISS PY; UC 80TCA;	RATE CHLOR ALT AND CHLOR _C 90TCA	2 WITHIN	J596558	64.50	65.00	0.50			-	-	-	-
		Cámasána 14-1	Tune (Oeure Arrelte	O											
			: I ype/Core Angle	Comment											
		64.70 - 64.71													
		04.00													



Hole Number	TPK-11-019			Project: TPK ROWLANDSON LA	KE				Project Number:	001			
From (m)	То (т)		Litholog	y	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
64.80	66.55	QMON <i>Quartz</i> QTZ MONZONITE; FG- PY	<i>Monzonite</i> MG; BLACK AND WHITE; (DCCASIONAL CARB STRINGERS; TRACE FG DISS	J596559 J596560	65.00 66.00	66.00 66.50	1.00 0.50		-	-	-	-
66.55	66.90	APL Aplite A APLITE DYKE; GREEN FRACTURES; TRACE F	Dike ISH GREY; WEAK-MODER FG DISS PY; UC 30TCA; LC	ATE CHLOR ALT AND CHLOR WITHIN C 90TCA	J596561	66.50	66.90	0.40		-	-	-	-
		66.55 - 66.56 66.89 - 66.90	UC 30 LC 90	Comment									
66.90	67.25	SHR Shear STRONG SHEAR 85-90 80TCA Mineralization Maj. :)TCA; CABR ALT; WEAK C Type/Style/%Mineral	HLOR NEAR LC; 1% FG DISS PY; SHARP LC <i>Comment</i>	J596562	66.90	67.30	0.40		-	-	-	-
		66.90 - 67.25 Structure Maj.: 66.90 - 67.24	PY DIS 1 Type/Core Angle SHR 85	Comment									



Hole Number	TPK-11-019			Project: TPK ROWLANDSON	LAKE				Project Numbe	: 001			
From (m)	To (m)		Litholog	У	Sample #	From	То	Length	A (1 Agž n) (%)	2 Agol (%)	Au (g/t)	Au2 (g/t)
		67.24 - 67.25	LC 80										
67.25	68.60	QMON Quart	tz Monzonite		J596563	67.30	67.90	0.60		-	-	-	-
		QTZ MONZONITE; FG PY; WEAK FOLIATIO	G-MG; BLACK AND WHITE; (N 60TCA	OCCASIONAL CARB STRINGERS; TRACE FG DISS	J596564	67.90	68.50	0.60		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment									
		67.25 - 68.60	FOL 60										
68.60	68.90	SHR Shear WEAK SHEAR; SHEA ALT	r \RED 60TCA; TRACE FG DIS	SS PY; GRADATIONAL CONTACTS; WEAK CABR	J596565	68.50	69.00	0.50		-	-	-	-
		<i>Structure Maj.:</i> 68.60 - 68.90	Type∕Core Angle SHR 60	Comment									


Hole Number	TPK-11-019	Project: TPK ROWLANDSON LAKE				Project Number: 001					
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
68.90	101.72	QMON Quartz Monzonite	J596566	69.00	70.00	1.00		-	-	-	-
		QTZ MONZONITE; FG-MG; BLACK AND WHITE; OCCASIONAL CARB STRINGERS; TRACE FG D	DISS J596567	70.00	71.00	1.00		-	-	-	-
		PY	J596568	71.00	72.00	1.00		-	-	-	-
			J596569	72.00	73.50	1.50		-	-	-	-
			J596570	73.50	75.00	1.50		-	-	-	-
			J596571	75.00	76.50	1.50		-	-	-	-
			J596572	76.50	78.00	1.50		-	-	-	-
			J596573	78.00	79.50	1.50		-	-	-	-
			J596574	79.50	81.00	1.50		-	-	-	-
			J596576	81.00	82.50	1.50		-	-	-	-
			J596577	82.50	84.00	1.50		-	-	-	-
			J596578	84.00	85.50	1.50		-	-	-	-
			J596579	85.50	87.00	1.50		-	-	-	-
			J596580	87.00	88.50	1.50		-	-	-	-
			J596581	88.50	90.00	1.50		-	-	-	-
			J596582	90.00	91.50	1.50		-	-	-	-
			J596583	91.50	93.00	1.50		-	-	-	-
			J596584	93.00	94.50	1.50		-	-	-	-
			J596585	94.50	96.00	1.50		-	-	-	-
			J596586	96.00	97.50	1.50		-	-	-	-
			J596587	97.50	99.00	1.50		-	-	-	-
			J596588	99.00	100.50	1.50		-	-	-	-
			J596589	100.50	101.50	1.00		-	-	-	-
101.72	101.85	SHR Shear MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY	J596590	101.50	102.00	0.50		-	-	-	-

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Hole Number	TPK-11-019	Project: TPK ROWLANDSON L	AKE				Project Numbe	r: 001				
From (m)	To (m)	Lithology	Sample #	From	То	Length	A (סק)	g Ag m) (%	12 A 1 5) (*	gol ′%)	Au (g/t)	Au2 (g/t)
101.85	117.75	QMON Quartz Monzonite	J596591	102.00	103.50	1.50			-	-	-	-
		QTZ MONZONITE; FG-MG; BLACK AND WHITE; OCCASIONAL CARB STRINGERS; TRACE FG DISS	J596592	103.50	105.00	1.50			-	-	-	-
		Př	J596593	105.00	106.50	1.50			-	-	-	-
			J596594	106.50	108.00	1.50			-	-	-	-
			J596595	108.00	109.50	1.50			-	-	-	-
			J596596	109.50	111.00	1.50			-	-	-	-
			J596597	111.00	112.50	1.50			-	-	-	-
			J596598	112.50	114.00	1.50			-	-	-	-
			J596599	114.00	115.50	1.50			-	-	-	-
			J596601	115.50	117.00	1.50			-	-	-	-
			J596602	117.00	117.50	0.50			-	-	-	-
			J596603	117.50	118.00	0.50			-	-	-	-
117.75	117.85	SHR Shear										

117.75 117.85 SHR

MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY

Structure Maj.:	Type/Core Angle	Comment
117.75 - 117.85	SHR 70	



Hole Number	TPK-11-019	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
117.85	134.70	QMON Quartz Monzonite	J596604	118.00	119.00	1.00		-	-	-	-
		QTZ MONZONITE; FG-MG; BLACK AND WHITE; OCCASIONAL CARB STRINGERS;	TRACE-0.5% FG J596605	119.00	120.00	1.00		-	-	-	-
		DISS PY; MODERATE FOLIATED 50TCA	J596606	120.00	121.50	1.50		-	-	-	-
			J596607	121.50	123.00	1.50		-	-	-	-
			J596608	123.00	124.50	1.50		-	-	-	-
		Structure Maj.: Type/Core Angle Comment	J596609	124.50	126.00	1.50		-	-	-	-
		117.85 - 134.70 FOL 50	J596610	126.00	127.00	1.00		-	-	-	-
			J596611	127.00	128.00	1.00		-	-	-	-
			J596612	128.00	129.00	1.00		-	-	-	-
			J596613	129.00	130.00	1.00		-	-	-	-
			J596614	130.00	131.00	1.00		-	-	-	-
			J596615	131.00	132.00	1.00		-	-	-	-
			J596616	132.00	133.00	1.00		-	-	-	-
			J596617	133.00	134.00	1.00		-	-	-	-
			J596618	134.00	134.70	0.70		-	-	-	-
134.70	135.10	SHR Shear MODERATE SHEAR; SHEARED 80TCA; TRACE FG DISS PY; GRADATIONAL CONT ALT NEAR LC	J596619 FACTS; CHLOR	134.70	135.10	0.40		-	-	-	-
		Structure Maj.:Type/Core AngleComment134.70 - 135.10SHR 80									
135.10	136.20	QMON Quartz Monzonite QTZ MONZONITE; FG-MG; BLACK AND WHITE; OCCASIONAL CARB STRINGERS; PY	J596620 TRACE FG DISS	135.10	136.20	1.10		-	-	-	-



Hole Number	TPK-11-019			Project:	TPK ROWLANDSON LAKE					Project Num	ber: (001			
From (m)	To (m)		Litholog	У		Sample #	From	То	Length	(Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
136.20	137.00	SHR Shear				J596621	136.20	137.00	0.80			_		-	-
		MODERATE SHEAR; SH SERICITE ALT WITHIN <i>Mineralization Maj.</i> : 136.20 - 137.00	HEARED 40TCA; QTZ FLC QTZ; 1% FG DISS PY Type/Style/%Mineral PY DIS 1	OODING NEAR LC; MODERATE CA	ARB ALT; WEAK										
		<i>Structure Maj.:</i> 136.20 - 137.00	Type/Core Angle SHR 40	Comment											
137.00	154.20	QMON Quartz	Monzonite			J596622	137.00	138.00	1.00			-	-	-	-
		QTZ MONZONITE; FG-N PY; WEAK HEMATITE A	MG; BLACK AND WHITE; (ALT	OCCASIONAL CARB STRINGERS;	TRACE FG DISS	J596623 J596624	138.00 139.50	139.50 140.90	1.50 1.40			-	-	-	-
						J596626 J596627	140.90 141.40	141.40 142.50	0.50 1.10			-	-	-	-
						J596628	142.50	144.00	1.50			-	-	-	-
						J596629	144.00	145.50	1.50			-	-	-	-
						J596630	145.50	147.00	1.50			-	-	-	-
						J596631	147.00	148.50	1.50			-	-	-	-
						J596632	148.50 150.00	150.00	1.50			-	-	-	-
						J596634	151.50	153.00	1.50			-	-	-	-



Hole Number	Number TPK-11-019			Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From (m)	To (m)		Litholog	у		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
						J596635	153.00	154.20	1.20		-	-	-	-
154.20	158.30	QMON Quartz	Monzonite			J596636	154.20	155.20	1.00		-	-	-	-
		INTENSE HEMATITE AL	LT; UC 70TCA; LC 75TCA;	2-5% FG DISS PY AND BLEBBY	PY	J596637	155.20	156.20	1.00		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment		J596638	156.20	157.20	1.00		-	-	-	-
		154.20 - 158.30	HE P I			J596639	157.20	158.30	1.10		-	-	-	-
		<i>Mineralization Maj. :</i> 154.20 - 158.30	Type/Style/%Mineral PY BL 2	Comment										
		Structure Maj.:	Type/Core Angle	Comment										
		154.20 - 154.21	UC 70											
		158.29 - 158.30	LC 75											
158.30	162.50		Monzonite MC: BLACK AND WHITE:			J596640	158.30	159.00	0.70		-	-	-	-
		PY	NG, BLACK AND WHITE,	OCCASIONAL CARD STRINGER	5, TRACE I G DISS	J596641	159.00	160.00	1.00		-	-	-	-
						J596642	160.00	161.00	1.00		-	-	-	-
						J596643	162.00	162.00	1.00		-	-	-	-
						J396644	162.00	162.50	0.50		-	-	-	-
162.50	168.00	QMON Quartz	Monzonite			J596645	162.50	163.50	1.00		-	-	-	-
		MODERATELY FOLIATE	ED QTZ MONZONITE; FO	LIATED 70TCA; 1% FG DISS PY;	GRADATIONAL	J596646	163.50	164.50	1.00		-	-	-	-
		connore				J596647	164.50	165.50	1.00		-	-	-	-
		Mineralization Mai. :	Type/Style/%Mineral	Comment		J596648	165.50	166.50	1.00		-	-	-	-
		162.50 - 168.00	PY DIS 1			J596649	166.50	167.50	1.00		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment		J596651	167.50	168.50	1.00		-	-	-	-



Hole Number	TPK-11-019	Project: TPK ROWLANDSON LA	KE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
168.00	173.50	QMON Quartz Monzonite	J596652	168.50	169.50	1.00		-	-	-	-
		QTZ MONZONITE; FG-MG; BLACK AND WHITE; OCCASIONAL CARB STRINGERS; TRACE FG DISS	J596653	169.50	171.00	1.50		-	-	-	-
			J596654	171.00	172.50	1.50		-	-	-	-
			J596655	172.50	173.50	1.00		-	-	-	-

173.50 173.70 VQTZ Quartz Vein

QTZ VN; FRACTURED; CABR ALT; CHLOR ALT WITHIN FRACTURES AND ALONG OPEN FRACTURE PLANES; WEAK HEMATITE ALT; 0.5% BLEBBY AND MG PY; SHARP 60TCA CONTACTS

Mineralization Maj. :	Type/Style/%Mineral	Comment
173.50 - 173.70	PY BL 0.5	
Structure Maj.:	Type/Core Angle	Comment
173.50 - 173.51	UC 60	
173.69 - 173.70	LC 60	



Hole Number	e Number TPK-11-019 Project: TPK ROWLANDSON LAKE						Project Num	ber: 001					
From (m)	To (m)		Litholog	У	Sample #	From	То	Length	(Ag Ag 2 (ppm) (%)	? Agol (%)	Au (g/t)	Au2 (g/t)
173.70	185.35	SHR Shear			J596656	173.50	174.00	0.50		-	-	-	-
		MODERATE SHEAR; S	HEARED 50TCA; SHARP	LC 60TCA; WEAK HEMATITE AND SERICITE ALT;	J596657	174.00	175.00	1.00		-	-	-	-
		0.5% FG DISS PY; FEV	V SECTIONS OF STRONG	ER SHEARING WITH GRADATIONAL CONTACTS	J596658	175.00	176.00	1.00		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J596659	176.00	177.00	1.00		-	-	-	-
		173.70 - 185.35	SER P W		J596660	177.00	178.00	1.00		-	-	-	-
		173.70 - 185.35	HE P W		J596661	178.00	179.00	1.00		-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment	J596662	179.00	180.00	1.00		-	-	-	-
		173.70 - 185.35	PY DIS 0.5		J596663	180.00	181.00	1.00		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J596664	181.00	182.00	1.00		-	-	-	-
		173.70 - 185.34	SHR 50		J596665	182.00	183.00	1.00		-	-	-	-
		185.34 - 185.35	LC 60		J596666	183.00	184.00	1.00		-	-	-	-
					J596667	184.00	185.30	1.30		-	-	-	-
185.35	185.65	APL Aplite	Dike IEMATITE ALT; LC 50TCA;	1% FG DISS PY; CHLOR ALT WITHIN FRACTURES	J596668	185.30	185.70	0.40		-	-	-	-
		<i>Mineralization Maj. :</i> 185.35 - 185.65	Type∕Style∕%Mineral PY DIS 1	Comment									
		Structure Мај.: 185.64 - 185.65	Type/Core Angle LC 50	Comment									
185.65	191.00	SHR Shear MODERATE SHEAR; S	HEARED 60TCA; STRONG	S HEMATITE ALT; 0.5% FG DISS PY	J596669	185.70 187.00	187.00 188.00	1.30		-	-	-	-
		Alteration Mai:	Type/Style/Intensity	Comment	1596671	188.00	189.00	1.00		-	-	-	-
		185 65 - 191 00	HF P S		.1596672	189.00	190.00	1.00		_	-	_	_
		<i>Mineralization Maj. :</i> 185.65 - 191.00	Type/Style/%Mineral	Comment	J596673	190.00	191.00	1.00		-	-	-	-



Hole Number	ble Number TPK-11-019			Project: TPK ROWLANDSON LA	KE				Project Num	ber:	001			
From (m)	To (m)		Litholog	<i>y</i>	Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
		<i>Structure Maj.:</i> 185.65 - 191.00	Type∕Core Angle SHR 60	Comment										
191.00	191.90	FLTG Fault G FAULT; BLOCKY CORE LC; WEAK SERICITE A	<i>ouge (Open)</i> E WITH GRAVELY SECTIC ND HEMATITE ALT	DNS; INTENSE CHLOR ALT; QTZ FLOODING NEAR	J596674	191.00	192.00	1.00			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment										
		191.00 - 191.90	SER PCH W											
		191.00 - 191.90	HE PCH W											
		191.00 - 191.90	CHL P I											
		Structure Maj.:	Type/Core Angle	Comment										
		191.00 - 191.90	FLT											
191.90	199.00	SCHS Sericite	e Schist		J596676	192.00	193.00	1.00			-	_	_	-
		STRONG SERICITE AL	T; SHEARED 60TCA; 2-5%	6 FG DISS PY; GRADATIONAL CONTACTS; WEAK	J596677	193.00	194.00	1.00			-	-	-	-
			T	0	J596678	194.00	195.00	1.00			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J596679	195.00	196.00	1.00			-	-	-	-
		191.90 - 199.00	HE W		J596680	196.00	197.00	1.00			-	-	-	-
		191.90 - 199.00	SER P S		J596681	197.00	198.00	1.00			-	-	-	-
		<i>Mineralization Maj. :</i> 191.90 - 199.00	Type/Style/%Mineral PY DIS 5	Comment	J596682	198.00	199.00	1.00			-	-	-	-
		<i>Structure Maj.:</i> 191.90 - 199.00	Type∕Core Angle SHR 60	Comment										



Hole Number	TPK-11-019			Project:	TPK ROWLANDSON LAKE				Project Number	001			
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	Ag (ppn	Ag2)) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
199.00	206.00	QMON	Quartz Monzonite		J596683	199.00	200.00	1.00		-	-	-	-
		WEAK HEMATI	TE ALT; MODERATE FOLIATED 6	0TCA; TRACE FG DISS PY	J596684	200.00	201.00	1.00		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J596685	201.00	202.50	1.50		-	-	-	-
		199.00 - 206.00	HE P W		J596686	202.50	204.00	1.50		-	-	-	-
					J596687	204.00	205.50	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment									
		199.00 - 206.00	FOL 60										
206.00	220.00	QMON	Quartz Monzonite		J596688	205.50	207.00	1.50		-	-	-	-
		WEAK TO MOD	ERATE HEMATITE ALT		J596689	207.00	208.50	1.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J596690	208.50	210.00	1.50		-	-	-	-
		206.00 - 220.00	HE P WM		J596691	210.00	211.50	1.50		-	-	-	-
					J596692	211.50	213.00	1.50		-	-	-	-
					J596693	213.00	214.50	1.50		-	-	-	-
					J596694	214.50	216.00	1.50		-	-	-	-
					J596695	216.00	217.50	1.50		-	-	-	-
					J596696	217.50	219.00	1.50		-	-	-	-
					J596697	219.00	220.00	1.00		-	-	-	-



Hole Number	lole Number TPK-11-019		Project: TPK ROWLAN	IDSON LAKE				Project Number	001				
From (m)	To (m)		Litholog	y	Sample #	From	То	Length	Ag (ppn	Ag2)) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
220.00	239.00	FRZ Frac	ture Zone	-	.1596698	220.00	221.00	1 00		-	-	-	
	200.00	FRACTURE ZONE; V	/ERY BLOCKY CORE; TRAC	E FG DISS PY; RARE QTZ STRINGERS LESS TH	HAN .1596699	221.00	222.00	1.00		-	-	_	_
		2CM WIDE; STRONG	G HEMATITE ALT 220-234M	AND WEAK HEMATITE WITH SERICITE ALT 234	- J596701	222.00	223.50	1.50		-	-	-	-
		Altoration Mai	Tupo/Stulo/Intoncitu	Commont	J596702	223.50	225.00	1.50		-	-	-	-
			rype/style/intensity	Comment	J596703	225.00	226.50	1.50		-	-	-	-
		220.00 - 234.00	HE P S		J596704	226.50	228.00	1.50		-	-	-	-
		234.00 - 237.00	HE P W		J596705	228.00	229.50	1.50		-	-	-	-
		234.00 - 237.00	SER P M		J596706	229.50	231.00	1.50		-	-	-	-
					J596707	231.00	232.50	1.50		-	-	-	-
		Structure Maj.:	Type/Core Angle	Comment	J596708	232.50	234.00	1.50		-	-	-	-
		220.00 - 239.00	F 90		J596709	234.00	235.00	1.00		-	-	-	-
					J596710	235.00	236.00	1.00		-	-	-	-
					J596711	236.00	237.00	1.00		-	-	-	-
					J596712	237.00	238.00	1.00		-	-	-	-
					J596713	238.00	239.00	1.00		-	-	-	-
239.00	251.80	QMON Quar	rtz Monzonite		J596714	239.00	239.50	0.50		-	-	-	-
		WEAK TO MODERA	TE HEMATITE ALT; TRACE F	FG DISS PY	J596715	239.50	240.00	0.50		-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment	J596716	240.00	240.50	0.50		-	-	-	-
		239.00 - 251.80	HE P WM		J596717	240.50	241.00	0.50		-	-	-	-
					J596718	241.00	242.00	1.00		-	-	-	-
					J596719	242.00	243.00	1.00		-	-	-	-
					J596720	243.00	244.50	1.50		-	-	-	-
					J596721	244.50	246.00	1.50		-	-	-	-
					J596722	246.00	247.50	1.50		-	-	-	-
					J596723	247.50	249.00	1.50		-	-	-	-
					J596724	249.00	250.00	1.00		-	-	-	-
					J596726	250.00	251.00	1.00		-	-	-	-



Hole Number	TPK-11-019)		Project: TPK ROWLANDSON L	AKE				Project Numb	oer: (001			
From (m)	To (m)		Litholog	у	Sample #	From	То	Length	, (F	Ag opm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
					J596727	251.00	251.80	0.80			-	-	-	-
251.80	254.00	SCHS Sericit	te Schist		J596728	251.80	252.60	0.80			-	-	-	-
		STRONG SERICITE AI	LT; SAME AS ABOVE SERI	CITE ALT UNIT; SHEARED 50TCA; 5% FG DISS PY;	J596729	252.60	253.30	0.70			-	-	-	-
		AT 253.3-253.7M	ACTS; VERY WEAK HEMA	THE ALT; QTZ FLOODING ON HALF OF THE CORE	J596730	253.30	254.00	0.70			-	-	-	-
		Alteration Maj:	Type/Style/Intensity	Comment										
		251.80 - 254.00	SER P S											
		<i>Mineralization Maj. :</i> 251.80 - 254.00	Type/Style/%Mineral PY DIS 5	Comment										
		<i>Structure Maj.:</i> 251.80 - 254.00	Type/Core Angle SHR 50	Comment										
254.00	277.00	QMON Quartz	z Monzonite		J596731	254.00	255.00	1.00			-	-	-	-
		Alteration Mair		Commont	J596732	255.00	256.00	1.00			-	-	-	-
				Comment	J596733	256.00	257.50	1.50			-	-	-	-
		254.00 - 277.00	HE PCH W		1596735	257.50	250.00	0.50			-	-	-	-
					J596736	259.50	261.00	1.50			-	-	_	_
					J596737	261.00	262.50	1.50			-	-	-	-
					J596738	262.50	264.00	1.50			-	-	-	-
					J596739	264.00	265.50	1.50			-	-	-	-
					J596740	265.50	267.00	1.50			-	-	-	-
					J596741	267.00	268.50	1.50			-	-	-	-
					J596742	268.50	270.00	1.50			-	-	-	-
					J596743	270.00	271.50	1.50			-	-	-	-
					J596744	271.50	273.00	1.50			-	-	-	-



Hole Number	TPK-11-019			Project:	TPK ROWLANDSON LAKE					Project Numl	ber: 0	01			
From (m)	To (m)		Litholog	y		Sample #	From	То	Length	(Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
						J596745	273.00	274.50	1.50			-	-	-	-
						J596746	274.50	276.00	1.50			-	-	-	-
						J596747	276.00	277.00	1.00			-	-	-	-
277.00	281.00	SHR Shear				J596748	277.00	278.00	1.00			-	-	-	-
		MODERATE SHEAR; S	HEARED 30TCA; GRADAT	IONAL CONTACTS; 1% FG DIS	S PY	J596749	278.00	279.00	1.00			-	-	-	-
						J596751	279.00	280.00	1.00			-	-	-	-
		<i>Mineralization Maj. :</i> 277.00 - 281.00	Type∕Style∕%Mineral PY DIS 1	Comment		J596752	280.00	281.00	1.00			-	-	-	-
		<i>Structure Maj.:</i> 277.00 - 281.00	Type/Core Angle SHR 30	Comment											
281.00	300.00	OMON Quartz	Monzonite			1606762	281.00	282.00	1.00			_	_		_
201.00	500.00	OCCATIONAL SECTIO	NS OF WEAK FOLIATION	OF 40TCA: TRACE FG DISS PY:	VERY WEAK	1506754	201.00	202.00	0.80			-	_	_	_
		HEMATITE ALT		, ,		1506755	282.00	284.00	1.20			_	_	_	_
						1596756	284.00	285.00	1.20			-	-	-	_
						1596757	285.00	286 50	1.00			-	-	-	-
						.1596758	286.50	288.00	1.50			-	_	_	-
						J596759	288.00	289.50	1.50			-	-	-	-
						J596760	289.50	291.00	1.50			-	-	-	-
						J596761	291.00	292.50	1.50			-	-	-	-
						J596762	292.50	294.00	1.50			-	-	-	-
						J596763	294.00	295.50	1.50			-	-	-	-
						J596764	295.50	297.00	1.50			-	-	-	-
						J596765	297.00	298.50	1.50			-	-	-	-
						J596766	298.50	300.00	1.50			-	-	-	-



DRILL HOLE REPORT

Hole Number	FPK-11-020				Projec	t: TPK F	ROWLANDSO	N LAKE			Project Number	: 001
Drilling		Casing			Core				Location		Other	
Azimuth:	180	Length:		0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-65	Pulled:			Storage:	ROWLANI	DS		Claim No.:		Relog by:	
Length:	309	Capped:	yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	06-Mar-11	Cemented:			Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	10-Mar-11										Surveyed:	
Logged:	07-Mar-11										Surveyed by:	Sarah Miller
Comment:	SEVERAL SHEARS AND F	RACTURE ZONES	LACKING S	FRICITE ALT AS	SEEN IN UPDI	P HOLE	Coordinate	Gemcom	Coordinate - U	тм	Geophysics:	
Common	TPK-11-019					TIOLE	East:	442376	East:	442376	Geophysic Contractor:	
							North:	5813527	North:	5813527	Left in hole:	
							Elev.:	252	Elev.:	252	Making water:	
									Zone: 16N	NAD: NAD83	Multi shot surv	yey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments
0.00	180.00	-65.00	С	\checkmark	
30.00	188.80	-64.50	F	\checkmark	
60.00	191.60	-64.30	F	\checkmark	
90.00	192.00	-64.90	F	\checkmark	
120.00	191.90	-64.90	F	\checkmark	
150.00	196.20	-64.70	F	\checkmark	
180.00	198.30	-65.30	F	\checkmark	
210.00	181.10	-64.60	F	\checkmark	
240.00	200.10	-66.20	F	\checkmark	



Hole Number	TPK-11-020				Project:	TPK ROWLANDSON L	AKE				Project Number:	001			
From (m)	To (m)			l ithology			Sample #	From	То	Lenath	Ag (ppm)	Ag2 (%)	Agol (%)	Au (a/t)	Au2 (a/t)
0.00	10.00	CAS	Casing											10 /	

10.00 16.00 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

16.00 17.50 SHR Shear SHEARED 80TCA; CABR ALT; TRACE FG DISS PY; SHARP CONTACTS 85TCA

17.50 45.70 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES; WEAK FOLIATION 50TCA



Hole Number	TPK-11-02		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

45.70 45.90 SHR Shear

SHEARED 80TCA; 5CM WIDE APLITE DYKE AT UC; SHARP UC 70TCA; LC 80 TCA

45.90 48.45 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

48.45 48.65 SHR Shear

SHEARED 60TCA; CABR ALT; 1CM WIDE QTZ STRINGER AT UC; SHARP 60TCA CONTACTS

48.65 61.65 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY;



Hole Numbe	er TPK-11-0	0 Pro	ject:	TPK ROWLANDSON LAKE					Project Numb	er:	001			
From	То									4g	Ag2	Agol	Au	Au2
(m)	(m)	Lithology		Sample #	l	From	То	Length	(F	pm)	(%)	(%)	(g/t)	(g/t)
	. ,													

OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

61.65 61.75 SHR Shear

SHEARED 70TCA; OPEN FRACTURE CONTACTS 70TCA; CARB ALT; TRACE FG DISS PY

61.75 62.30 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

62.30 62.80 APL Aplite Dike

WHITE; APHANITIC; SMALL BIOTITE AND FELDSPAR PHENOCRYSTS GIVING IT A PORPHYRITIC TEXTURE; TRACE FG DISS PY; CHLOR WITHIN FRACTURES; UC 30; LC 60



Hole Number	TPK-11-	20	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag (%	2 Ag) (%	ol Au 5) (g/t)	Au2 (g/t)

62.80 63.30 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

63.30 64.20 APL Aplite Dike SAME AS ABOVE BUT VERY WEAK HEMATITE ALT; UC 30; LC 60

64.20 66.40 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

66.40 66.54 **APL** *Aplite Dike* GREEN; WEAK CHLOR ALT; UC 45TCA; LC 50TCA



Hole Number	r Ti	PK-11-020			Project:	TPK ROWLANDSON LAKE					Project Nur	nber:	001			
From (m)		To (m)	Lith	blogy			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

66.54 72.90 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

72.90 73.40 SHR Shear STRONG SHEAR; SHEARED 70TCA; QTZ VNS AT CONTACTS; FRACTURED; TRACE TO 0.5% FG DISS PY; WEAK CHLOR ALT; SHARP 70TCA CONTACTS

73.40 80.65 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

80.65 80.75 APL Aplite Dike GREEN; WEAK CHLOR ALT; UC 70TCA; LC 60TCA

80.75 84.00 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

84.00 87.00 SHR Shear WEAK TO MODERATE SHEAR; SHEARED 70TCA; TRACE FG DISS PY; GRADATIONAL CONTACTS

87.00 100.70 **QMON** *Quartz Monzonite* SEVERAL 2CM WIDE APLITE DYKE; PATCHY WEAK FOLIATION 40-60TCA; TRACE FG DISS PY



Hole Number	TPK-11	020	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

100.70 101.10 SHR Shear SHEARED 50TCA; TRACE FG DISS PY; CHLOR ALT; GRADATIONAL CONTACTS

101.10 101.90 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

101.90 102.60 **SHR Shear** SHEARED 30TCA; CARB AND CHLOR ALT; TRACE FG DISS PY



Hole Number	TPK-11-020)		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From	То								Aq	Aq2	Agol	Au	Au2
<i>(m)</i>	(m)		Lithology		Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
102.60	106.60	QMON	Quartz Monzonite										
		BLACK AN	D WHITE: FG: BIOTITE. FELDSPAR AND QTZ CRYS	STALS: RARE TRAC	E FG DISS PY:								

OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

106.60 106.76 APL Aplite Dike GREY; APHANITIC; SUGARY TEXTURE; TRACE FG DISS PY; CONTACTS 55TCA

106.76 116.47 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

116.47 118.80 APL Aplite Dike

POSSIBLY APLITE DYKE OR CHLOR OVERPRINT ON QTZ MONZONITE; GREEN; FG GROUND MASS WITH FELDSPAR AND BIOTITE CRYSTALS; SHARP UC 60TCA; LC 80TCA; NOT MINERALIZED



Hole Number	TPK-11-0	Ρ	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

118.80 119.00 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

119.00 119.10 APL Aplite Dike GREY-PINKISH; WEAK HEMATITE ALT; CONTACTS 80TCA

119.10 129.75 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number	TPK-11-020)			Project:	TPK ROWLANDSON LAP	E				Project Numb	er: (001			
From (m)	To (m)			Lithology			Sample #	From	То	Lenath	A ()	\g om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
129.75	129.90	SHR	Shear				•				_ ·					

SHEARED 55TCA; CHLOR AND CARB ALT; SHARP 55TCA CONTACTS; 0.5% FG DISS PY

129.90 132.50 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

132.50 132.75 SHR Shear SHEARED 60TCA; FRACTURED; CHLOR AND CARB ALT; TRACE TO 0.5% PY; SHARP 80TCA CONTACTS

132.75 149.40 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number	TPK-11	020	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

149.40 149.80 SHR Shear

SHEARED 70TCA; CARB AND CHLOR ALT; TRACE PY; SHARP CONTACTS AT 70TCA

149.80 153.00 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

153.00 153.50 **SHR** *Shear* SHEARED 60TCA; CHLOR AND CARB ALT; TRACE FG DISS PY; SHARP FRACTURED CONTACTS AT 60TCA



Hole Number	TPK-11-020)		Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From	То									Ag	Ag2	Agol	Au	Au2
(m)	(<i>m</i>)		Lithology		S	Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
153.50	154.00	QMON	Quartz Monzonite											
		BLACK AN	D WHITE; FG; BIOTITE, FELDSPAR AND QTZ CR	YSTALS; RARE TRA	CE FG DISS PY;									

OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

154.00 154.20 **VQTZ** *Quartz Vein* QTZ VN; CARB ALT; CHLOR WITHIN FRACTURES; TRACE FG DISS PY; UC 70; LC GRADATIONAL WITH SHEAR

154.20 154.50 SHR Shear SHEARED 70TCA; WEAK QTZ FLOODING NEAR UC; RACE FG DISS PY; LC SHARP 85TCA

154.50 154.70 FRZ Fracture Zone GROUND CORE



Hole Number	ТРК	K-11-020		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m	D 1)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

154.70 156.50 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

156.50 156.70 SHR Shear

SHEARED 60TCA; TRACE FG DISS PY; CHLOR AND CARB ALT; SMALL 1CM WIDE PATCH OF QTZ NEAR UC; UC SHARP 60TCA; LC GRADATIONAL

156.70 175.60 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

175.60 176.90 SHR Shear



Hole Numbe	er TPK-11-0 2	0 Proje	ect:	TPK ROWLANDSON LAKE				Project Number:	001				
From	То							Ag	Ag	y2 .	Agol	Au	Au2
(m)	(m)	Lithology		Sample #	From	То	Length	(ppm) (%	6)	(%)	(g/t)	(g/t)
			חעםי										

SHEARED 60TCA; CARB/CHLOR ALT; TRACE FG DISS PY; UC 80TCA; LC GRADATIONAL

176.90 179.70 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

179.70 180.00 SHR Shear SHEARED 60TCA; CARB/CHLOR ALT; GRADATIONAL CONTACTS; TRACE PY

180.00 192.45 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

192.45 192.90 SHR Shear

SHEARED 75TCA; QTZ STRINGERS NEAR UC; TRACE FG DISS PY; VERY WEAK SERICITE ALT; UC 75TCA; LC GRADATIONAL

192.90 199.30 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

199.30199.80ShearWEAK TO MODERATE SHEAR; TRACE FG DISS PY; GRADATIONAL CONTACTS; SHEARED 55TCA

199.80 219.30 **QMON** *Quartz Monzonite*

LACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

219.30 221.60 SHR Shear

SHEARED 60TCA; MODERATE HEMATITE ALT; FRACTURED; CHLOR ALT; SHARP FRACTURED CONTACTS APPROX 60TCA

221.60 226.10 FRZ Fracture Zone

FRACTURE ZONE; MODERATE HEMATITE ALT; BLOCKY CORE; CHLOR ALONG OPEN FRACTURE PLANES

226.10 228.00 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

228.00 244.20 **QMON** *Quartz Monzonite* STRONG HEMATITE ALT INCREASEING IN INTENSITY DOWN HOLE

244.20 245.70 FRZ Fracture Zone FRACTURE ZONE; BLOCKY CORE; MODERATE HEMATITE ALT; STRONG CHLOR ALT NEAR UC

245.70 252.85 **QMON** *Quartz Monzonite* MODERATE HEMATITE ALT

252.85 253.10 SHR Shear SHEARED 70TCA; CARB ALT; WEAK SERICITE ALT



Hole Number	ТРК	<-11-020	I	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m	`о n)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

253.10 254.80 QMON *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

254.80 255.00 SHR Shear

SHEARED 70TCA; CARB ALT; VERY WEAK SERICITE ALT

258.00 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

258.00 261.00 FRZ *Fracture Zone*

255.00



Hole Numbe	er TPK-11-0 2	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From	То						Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology	Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
		FRACTURE ZONE; OCCATIONAL WEAK-MODERATE SHEARING 60-70TCA; CH ALT; TRACE FG DISS PY; WEAK HEMATITE	LOR AND CARB								

261.00 262.40 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

262.40 262.60 SHR Shear MODERATE SHEAR, SHEARED 50TCA; CHLOR ALT; UC GRADATIONAL; LC FAULT GOUGE AND 60TCA; 0.5% BLEBBY PY; CARB ALT

262.60 265.20 **QMON** *Quartz Monzonite* WEAK TO MODERATE HEMATITE ALT



Hole Number	TPK-1	1-020	Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag (%	12 A 5) (\gol (%)	Au (g/t)	Au2 (g/t)

265.20 265.25 SHR Shear

MODERATE SHEAR; SHEARED 80TCA; UC SHARP 80TCA AND QTZ STRINGER; LC GRADATIONAL; TRACE FG DISS PY

265.25 265.60 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

265.60 265.90 SHR Shear

MODERATE SHEAR; SHEARED 75TCA; GRADATIONAL CONTACTS; 1% FG DISS PY; CHLOR ALT; WEAK HEMATITE ALT NEAR UC



Hole Number TPK-11-020			TPK ROWLANDSON LAKE	Project Number: 001							
From	То						Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology	Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
		BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRA OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES	CE FG DISS PY;								

274.55 274.80 SHR Shear

SHEARED 30TCA; OPEN FRACTURES; CHLOR AND CARB ALT; WEAK HEMATITE; TRACE FG DISS PY; SHARP CONTACTS; UC 70TCA AND LOOKS LIKE A SMALL 2CM WIDE APLITE DYKE AT UC; LC 30TCA

274.80 278.36 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

278.36 278.40 **VQTZ** *Quartz Vein* WHITE QTZ VN; UC 75TCA; LC 90TCA; CARB ALT; CHLOR ALONG MARGINS; TRACE FG DISS PY ALONG MARGINS



Hole Number	r TPK-11-0	Pro	oject:	TPK ROWLANDSON LAKE				Project Number:	00	1			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppn	A)) (g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

278.40 281.10 QMON *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES

281.10 281.40 SHR Shear MODERATE SHEAR 40TCA; CARB ALT; CHLOR ALT; HEMATITE ALT; TRACE FG DISS AND BLEBBY PY; GRADATIONAL CONTACTS

281.40 293.80 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE, FELDSPAR AND QTZ CRYSTALS; RARE TRACE FG DISS PY; OCCASIONAL CHLOR ALT MOSTLY ALONG OPEN FRACTURES



Hole Number TPK-11-020					Project:	Project: TPK ROWLANDSON LAKE						Project Number: 001					
From	То										Ag	Ag2	Agol	Au	Au2		
(m)	(m)		L	.ithology			Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)		
293.80	294.65	APL	Aplite Dike														

294.65 APL Aplite Dike PINK; HEMATITE ALT; CHLOR WITHIN FRACTURES; TRACE FG DISS PY; BIOTITE AND FELDSPAR CRYSTALS; UC GROUND CORE; LC 70TCA

 294.65
 309.00
 QMON
 Quartz Monzonite

WEAK HEMATITE ALT; EOH


DRILL HOLE REPORT

Hole Number	ГРК-11-021				Projec	t: TPK I	ROWLANDSO	N LAKE			Project Number	°. 001
Drilling		Casing			Core				Location		Other	
Azimuth:	360	Length:		0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-50	Pulled:			Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	189	Capped:	yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	25-Mar-11	Cemented:			Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	28-Mar-11										Surveyed:	
Logged:	27-Mar-11										Surveyed by:	Sarah Miller
Comment:	Several shears intersected.	most notable ones:	46.2-46.8m	sheared 60TCA. 0	.5% aspy: 94.65	5-95.3m	Coordinate	- Gemcom	Coordinate - U	тм	Geophysics:	
	sheared 60TCA; 1% py with axis, 1% py	trace aspy; 167.1-1	67.7m shea	red 60 and change	es to parallel to	core	East:	442099	East:	442099	Geophysic Contractor:	
							North:	5813421	North:	5813421	Left in hole:	
							Elev.:	258	Elev.:	258	Making water	
									Zone: 16N	NAD: NAD83	Multi shot surv	/ey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments	
0.00	360.00	-50.00	С	\checkmark		
30.00	356.20	-45.10	F	\checkmark		
60.00	2.30	-45.30	F	\checkmark		
90.00	2.80	-46.20	F	\checkmark		
120.00	0.80	-46.70	F	\checkmark		
150.00	1.20	-46.90	F	\checkmark		
180.00	2.30	-47.60	F	\checkmark		
189.00	2.80	-47.80	F	\checkmark		



Hole Number	TPK-11-021	Project: TPK ROWLANDSON	LAKE				Project Number	er: O	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	, (PI	g om)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	16.00	CAS Casing CASING										
16.00	29.80	QMON Quartz Monzonite	.1597133	16.00	17.00	1.00			_	-	-	_
		BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;	J597134	17.00	18.00	1.00			-	-	-	-
		RARE TRACE FG DISS PY; VERY WEAK HEMATITE ALT	J597135	18.00	19.50	1.50			-	-	-	-
			J597136	19.50	21.00	1.50			-	-	-	-
			J597137	21.00	22.50	1.50			-	-	-	-
			J597138	22.50	24.00	1.50			-	-	-	-
			J597139	24.00	25.50	1.50			-	-	-	-
			J597140	25.50	27.00	1.50			-	-	-	-
			J597141	27.00	28.50	1.50			-	-	-	-
			J597142	28.50	29.50	1.00			-	-	-	-
			J597143	29.50	30.00	0.50			-	-	-	-

29.80 30.00 VQTZ

Quartz Vein

QTZ STRINGER; SHARP 40TCA CONTACTS; CARB ALT; MODERATE EPIDOTE ALT; FRACTURED; TRACE FG DISS PY



Hole Number	TPK-11-021	Project: TPK ROWLANDSO	N LAKE				Project Number:	001			
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
30.00	46.20	QMON Quartz Monzonite	J597144	30.00	31.50	1.50		-	-	_	-
		BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;	J597145	31.50	33.00	1.50		-	-	-	-
		RARE TRACE FG DISS PY; VERY WEAK HEMATITE ALT	J597146	33.00	34.50	1.50		-	-	-	-
			J597147	34.50	36.00	1.50		-	-	-	-
			J597148	36.00	37.50	1.50		-	-	-	-
			J597149	37.50	39.00	1.50		-	-	-	-
			J597151	39.00	40.50	1.50		-	-	-	-
			J597152	40.50	42.00	1.50		-	-	-	-
			J597153	42.00	43.50	1.50		-	-	-	-
			J597154	43.50	45.00	1.50		-	-	-	-
			J597155	45.00	45.70	0.70		-	-	-	-
			J597156	45.70	46.20	0.50		-	-	-	-
46.20	46.80	SHR Shear MODERATE SHEAR; SHEARED 60TCA; CARB ALT; QTZ STRINGER NEAR UC; WEAK HEMATITE; 0.5% ASPY; UC SHARP 80TCA; LC GRADATIONAL	J597157	46.20	46.80	0.60		-	-	-	-
		Structure Maj.:Type/Core AngleComment46.20 - 46.80SHR60									
46.80	48.10	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY: VERY WEAK HEMATITE ALT	J597158	46.80	48.00	1.20		-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDSON LA	(E				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
48.10	48.45	SHR Shear WEAK SHEAR; SHEARED 60TCA; GRADATIONAL CONTACTS; CHLOR AND CARB ALT; WEAK HEMATITE ALT	J597159	48.00	48.50	0.50		-	-	-	-
48.45	59.90	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY;VERY WEAK HEMATITE ALT	J597160 J597161 J597162 J597163 J597164	48.50 49.50 51.00 52.50 54.00	49.50 51.00 52.50 54.00 55.50	1.00 1.50 1.50 1.50 1.50		- - -	-	- - -	- - -
			J597165 J597166 J597167	55.50 57.00 58.50	57.00 58.50 59.90	1.50 1.50 1.40		- - -	- - -	- - -	- - -
59.90	62.40	APL Aplite Dike APLITE SYKE; PINK; FG; STRONG HEMATITE ALT; LOOKS LIKE PATCHES OF APLITE INTERMIXED WITH QTZ MONZONITE	J597168 J597169	59.90 61.00	61.00 62.40	1.10 1.40		-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDSON	LAKE				Project Number	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppn	Ag: 1) (%)	? Agol (%)	Au (g/t)	Au2 (g/t)
62.40	70.50	QMON Quartz Monzonite	J597170	62.40	63.00	0.60		-	_	-	-
		BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;	J597171	63.00	64.50	1.50		-	-	-	-
		RARE TRACE FG DISS PY	J597172	64.50	66.00	1.50		-	-	-	-
			J597173	66.00	67.50	1.50		-	-	-	-
			J597174	67.50	69.00	1.50		-	-	-	-
			J597176	69.00	70.50	1.50		-	-	-	-
70.50	71.05	APL Aplite Dike GREY; FEW BIOTITE CRYSTALS WITHIN DYKE; FG; SHARP 40TCA CONTACTS	J597177	70.50	71.10	0.60		-	-	-	-
71.05	73.60	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597178 J597179	71.10 72.00	72.00 73.40	0.90 1.40		-	-	-	-
73.60	73.70	SHR Shear MODERATE SHEAR; SHEARED 70TCA; SHARP CONTACTS AT 70TCA; 0.5% FG DISS PY; CARB ALT; OPEN FRACTURE IN MIDDLE	J597180	73.40	73.90	0.50		-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDSO	N LAKE				Project Number:	001			
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm	Ag2) (%)	Agol (%)	Au (g/t)	Au2 (g/t)
73.70	80.70	QMON Quartz Monzonite	.1597181	73 90	75.00	1 10		-	_	_	-
		BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;	J597182	75.00	76.50	1.50		-	-	-	-
		RARE TRACE FG DISS PY	J597183	76.50	78.00	1.50		-	-	-	-
			J597184	78.00	79.50	1.50		-	-	-	-
			J597185	79.50	80.50	1.00		-	-	-	-
80.70	80.85	APL Aplite Dike GREEN/GREY; CHLOR ALT; TRACE FG DISS PY; SHARP 40TCA CONTACTS	J597186	80.50	81.00	0.50		-	-	-	-
80.85	82.55	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597187	81.00	82.40	1.40		-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDS	ON LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
82.55	82.75	APL Aplite Dike	J597188	82.40	82.90	0.50		-	-	-	-
		GREEN/GREY; CHLOR ALT; BLEBBY PY IN MIDDLE OF DYKE WITHIN BIOTITE STRINGERS; SHARP 50TCA CONTACTS									
82.75	86.80	QMON Quartz Monzonite	J597189	82.90	84.00	1.10		-	-	-	-
		BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;	J597190	84.00	85.50	1.50		-	-	-	-
			J597191	85.50	86.50	1.00		-	-	-	-
			J597192	86.50	87.00	0.50		-	-	-	-

86.80 86.95 APL Aplite Dike

GREEN/GREY; FG; WEAK CHLOR ALT; SHARP 40TCA CONTACTS

86.95	89.75	QMON	Quartz Monzonite	J597193	87.00	88.50	1.50	-	-	-	-
			ON Quartz Monzonite ACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RE TRACE FG DISS PY	J597194	88.50	89.50	1.00	-	-	-	-
		RARE TRACE		J597195	89.50	90.00	0.50	-	-	-	-



Hole Number	r TPK-	-11-021		Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	To (m))	Lithology		Sample #	From	То	Length	Ag (ppm	Ag) (%	y2 A 6)	Agol (%)	Au (g/t)	Au2 (g/t)

89.75 89.90 APL Aplite Dike

GREEN/GREY; FG; WEAK CHLOR ALT; SHARP 40TCA CONTACTS

89.90	94.65	QMON	Quartz Monzonite	J597196	90.00	91.50	1.50	-	-	-	-
			VHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;	J597197	91.50	93.00	1.50	-	-	-	-
		KARE IRAGE	FG DI35 F 1	J597198	93.00	94.00	1.00	-	-	-	-
				J597199	94.00	94.60	0.60	-	-	-	-
04.05		0.115									
94.65	95.30	SHR	Shear	J597201	94.60	95.30	0.70	-	-	-	-
		STRONG SHI SHARP CON	AR; CARB/CHLOR ALT; QTZ STRINGERS AT 95.1M; 1% FG DISS PY; TRACE ASPY; ACTS 60TCA								



Hole Number	TPK-11-021	Project: TPK ROWLANDSON	LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
95.30	96.60	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597202	95.30	96.50	1.20		-	-	-	-
96.60	96.90	SHR Shear STRONG SHEAR 70TCA; 1% FG DISS PY; GRADATIONAL CONTACTS	J597203	96.50	97.00	0.50		-	-	-	-
96.90	97.20	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY									
97.20	97.30	APL Aplite Dike GREY: WEAK CHI OR ALT: TRACE EG DISS PY: 80TCA CONTACTS	J597204	97.00	97.50	0.50		-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDSON	I LAKE				Project Number:	001			
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
97.30	100.10	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597205 J597206	97.50 99.00	99.00 100.10	1.50 1.10		-	-	-	-
100.10	100.70	APL Aplite Dike GREY-GREEN; CHLOR ALT; SHARP 20TCA CONTACTS	J597207	100.10	100.70	0.60		-	-		-
100.70	104.20	QMON <i>Quartz Monzonite</i> BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597208 J597209 J597210	100.70 102.00 103.00	102.00 103.00 104.00	1.30 1.00 1.00		-	- - -	- - -	- - -



Hole Number	TPK-11-021	Project: TPK ROWLANDSO	N LAKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
104.20	104.40	SHR Shear STRONG SHEAR; SHEARED 75TCA; CARB AND CHLOR ALT; QTZ STRINGERS IN MIDDLE OF SHEAR; 1% FG DISS PY; WEAK HEMATITE	J597211	104.00	104.50	0.50		-	-	-	-
104.40	108.35	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597212 J597213 J597214	104.50 105.00 106.50	105.00 106.50 108.00	0.50 1.50 1.50		- -	-	-	- -
108.35	108.80	APL Aplite Dike PINK; FG; HEMATITE ALT; SHARP 40TCA CONTACTS	J597215	108.00	108.80	0.80		-	-	-	-



Form (m) To (m) Libblogy Sample # 108.80 Form (m) To Longht Longht (m) Age (m) Age (m)<			001	Project Number: 0				AKE	Project: TPK ROWLANDS	mber TPK-11-021	Hole Number
108.80 167.10 QHON Querz Monzoolte J597216 108.80 110.00 1.20 - BLACK AND WHTE: FG, BIOTITE AND FELDSPAR CRYSTALS: OCCASIONAL CARB STRINGERS: J597218 111.00 110.00 15.0 - J597219 112.50 114.00 15.0 - - J597219 112.50 114.00 15.0 - J597219 112.50 114.00 15.0 - J597211 115.00 15.0 - - J597221 115.50 15.0 - - J597222 117.00 118.50 1.50 - J597224 120.00 1.50 - - J597228 124.50 15.00 - - J597228 124.50 15.00 - - J597228 124.50 15.00 - - J597241 120.00 1.50 - - J597241 120.00 1.50 - -	Au Au (g/t) (g/	Agol (%)	Ag2 (%)	Ag (ppm)	Length	То	From	Sample #	Lithology	To (m)	From (m)
BLACK AND WHITE: FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; J59721 111.00 11.00 1.00		-	-		1.20	110.00	108.80	J597216	QMON Quartz Monzonite	.80 167.10	108.80
KARE IRACE FG DISS PY J597218 111.00 112.50 1.50 - J397219 112.50 114.00 115.50 1.50 - J397221 115.00 117.00 1.50 - - J397222 117.00 115.00 1.50 - - J397222 117.00 115.00 1.50 - - J397224 118.00 12.50 1.50 - - J397225 117.00 115.00 1.50 - - J397224 128.00 125.00 1.50 - - J3972257 123.00 124.50 150 - - J397229 126.00 125.00 150 - - J397230 127.50 150 - - - J397231 120.00 130.50 1.50 - - J397232 130.50 150 - - - J397233 132.00 135.00 150 - - J397235 135.00		-	-		1.00	111.00	110.00	J597217	BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS;		
J597219 114.00 1.50 - J597220 114.00 115.50 1.50 - J597221 115.50 117.00 115.00 1.50 - J597222 115.50 117.00 15.00 1.50 - J597223 118.50 15.00 1.50 - - J597224 120.00 15.00 1.50 - - J597227 123.00 15.00 1.50 - - J597227 123.00 15.00 1.50 - - J597227 123.00 15.00 1.50 - - J597228 124.50 126.00 1.50 - - J597230 127.50 15.00 1.50 - - J597231 120.00 135.00 1.50 - - J597232 130.00 135.00 1.50 - - J597234 130.00 15.00 - - - J597235 136.00 15.00 - - -		-	-		1.50	112.50	111.00	J597218	RARE TRACE FG DISS PY		
J597220 114.00 115.00 1.50 - J597221 115.50 17.00 1.50 - - J597222 118.50 12.00 1.50 - - J597223 118.50 12.00 1.50 - - J597224 120.00 121.50 1.50 - - J597225 121.50 123.00 1.50 - - J597226 121.50 126.00 1.50 - - J597227 124.50 1.50 - - - J597228 124.50 1.50 - - - - J597230 127.50 128.00 1.50 - - - - J597231 128.00 1.50 -<		-	-		1.50	114.00	112.50	J597219			
J597221 115.00 117.00 1.50 - J597222 117.00 118.50 1.50 - J597224 118.50 118.50 1.50 - J597224 120.00 121.50 1.50 - - J597224 120.00 124.50 1.50 - - J597228 124.50 125.00 1.50 - - J597228 124.50 150 - - - J597229 126.00 127.50 150 - - J597229 126.00 127.50 150 - - J597230 127.50 129.00 1.50 - - J597232 130.50 150 - - - J597232 130.50 150 - - - J597235 135.00 150 - - - J597236 135.00 150 - - - J597237 138.00 130.00 1.60 - - <t< td=""><td></td><td>-</td><td>-</td><td></td><td>1.50</td><td>115.50</td><td>114.00</td><td>J597220</td><td></td><td></td><td></td></t<>		-	-		1.50	115.50	114.00	J597220			
J597222 117.00 118.50 1.50		-	-		1.50	117.00	115.50	J597221			
J597223 118.50 120.00 1.50 - J597224 120.00 121.50 1.50 - J597226 121.50 123.00 1250 1.50 - J597228 124.50 126.00 1250 1.50 - - J597228 124.50 126.00 1.50 - - - - J597229 126.00 127.50 1.50 - <t< td=""><td></td><td>-</td><td>-</td><td></td><td>1.50</td><td>118.50</td><td>117.00</td><td>J597222</td><td></td><td></td><td></td></t<>		-	-		1.50	118.50	117.00	J597222			
J597224 120.00 121.50 1.50 - J597226 121.50 123.00 1.50 - - J597227 123.00 124.50 1.50 - - J597228 124.50 1.50 - - - J597229 126.00 127.50 1.50 - - J597230 127.50 150 - - - J597231 129.00 1.50 - - - J597232 130.50 1.50 - - - - J597232 130.50 1.50 -		-	-		1.50	120.00	118.50	J597223			
J597226 121.50 123.00 1.50 - J597227 123.00 124.50 1.50 - - J597228 124.50 126.00 1.50 - - J597229 126.00 127.50 1.50 - - J597230 127.50 127.50 1.50 - - J597231 129.00 130.50 1.50 - - J597232 130.50 132.00 1.50 - - J597233 132.00 135.50 1.50 - - J597234 133.50 135.00 1.50 - - J597234 133.50 15.50 1.50 - - J597235 135.00 1.50 - - - J597237 138.00 138.00 1.00 - - J597238 139.00 140.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 140.00 1.50		-	-		1.50	121.50	120.00	J597224			
J597227 123.00 124.50 1.50 - J597228 124.50 126.00 1.50 - - J597229 126.00 127.50 1.50 - - J597230 127.50 129.00 1.50 - - J597231 129.00 1.50 - - - J597232 130.50 1.50 - - - J597233 132.00 135.00 1.50 - - J597234 133.50 135.00 1.50 - - J597235 135.00 136.00 1.50 - - J597236 136.50 136.00 1.50 - - J597237 138.00 1.50 - - - J597237 138.00 1.50 - - - J597238 139.00 140.00 1.00 - - J597240 140.00 141.00 140.00 1.50 - - J597241 142.50 144.00 1.5		-	-		1.50	123.00	121.50	J597226			
J597228 124.50 126.00 1.50 - J597229 126.00 127.50 1.50 - - J597230 127.50 129.00 1.50 - - - J597231 129.00 130.50 1.50 - - - J597232 130.50 132.00 1.50 - - - J597233 132.00 133.50 1.50 - - - J597234 133.50 1.50 - - - - - J597235 135.00 135.00 1.50 -		-	-		1.50	124.50	123.00	J597227			
J597229 126.00 127.50 1.50 - J597230 127.50 129.00 1.50 - - J597231 129.00 130.50 1.50 - - J597232 130.50 132.00 1.50 - - J597233 132.00 133.50 1.50 - - J597233 133.00 135.00 1.50 - - J597234 133.50 136.00 1.50 - - J597235 135.00 136.00 1.50 - - J597236 136.00 136.00 1.50 - - J597237 138.00 136.00 1.50 - - J597237 138.00 139.00 1.00 - - J597237 138.00 140.00 1.00 - - J597240 141.00 142.50 1.50 - - J597243 144.50 1.50 - - - J597243 144.50 145.00 1.50		-	-		1.50	126.00	124.50	J597228			
J597230 127.50 129.00 1.50 - J597231 129.00 130.50 1.50 - J597232 130.50 132.00 1350 1.50 - J597233 132.00 133.50 1.50 - - J597234 133.50 135.00 1.50 - - J597235 135.00 135.00 1.50 - - J597236 136.00 136.00 1.50 - - J597236 136.00 136.00 1.50 - - J597237 138.00 139.00 1.00 - - J597237 138.00 139.00 1.00 - - J597237 138.00 140.00 1.00 - - J597238 139.00 140.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 145.00 1.50 - - J597243 145.50 145.00 1.50 <td< td=""><td></td><td>-</td><td>-</td><td></td><td>1.50</td><td>127.50</td><td>126.00</td><td>J597229</td><td></td><td></td><td></td></td<>		-	-		1.50	127.50	126.00	J597229			
J597231 129.00 130.50 1.50 - J597232 130.50 132.00 1.50 - - J597233 132.00 133.50 1.50 - - J597234 133.50 135.00 1.50 - - J597235 135.00 135.00 1.50 - - J597236 136.50 136.50 1.50 - - J597237 138.00 139.00 1.50 - - J597238 139.00 140.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.50	129.00	127.50	J597230			
J597232 130.50 132.00 1.50 - - J597233 132.00 133.50 1.50 - - J597234 133.50 135.00 1.50 - - - J597235 135.00 136.50 1.50 - - - - J597235 135.00 136.50 1.50 -		-	-		1.50	130.50	129.00	J597231			
J597233 132.00 133.50 1.50 - - J597234 133.50 135.00 1.50 - - J597235 135.00 136.50 1.50 - - J597236 136.50 138.00 1.50 - - J597237 138.00 139.00 1.50 - - J597237 138.00 139.00 1.00 - - J597237 138.00 140.00 1.00 - - J597237 138.00 140.00 1.00 - - J597239 140.00 141.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597242 144.00 145.50 1.50 - -		-	-		1.50	132.00	130.50	J597232			
J597234 133.50 135.00 1.50 - - J597235 135.00 136.50 1.50 - - J597236 136.50 138.00 1.50 - - J597237 138.00 139.00 1.00 - - J597237 138.00 140.00 1.00 - - J597238 139.00 140.00 1.00 - - J597239 140.00 141.00 1.50 - - J597240 141.00 142.50 1.50 - - J597242 144.00 1.50 - - - J597243 145.50 147.00 1.50 - -		-	-		1.50	133.50	132.00	J597233			
J597235 135.00 136.50 1.50 - - J597236 136.50 138.00 1.50 - - J597237 138.00 139.00 1.00 - - J597238 139.00 140.00 1.00 - - J597238 139.00 140.00 1.00 - - J597239 140.00 141.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597242 144.00 145.50 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.50	135.00	133.50	J597234			
J597236 136.50 138.00 1.50 - - J597237 138.00 139.00 1.00 - - J597238 139.00 140.00 1.00 - - J597239 140.00 141.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597242 144.00 145.50 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.50	136.50	135.00	J597235			
J597237 138.00 139.00 1.00 - - - J597238 139.00 140.00 1.00 - - - J597239 140.00 141.00 1.00 - - - J597240 141.00 142.50 1.50 - - - J597241 142.50 144.00 1.50 - - - J597242 144.00 1.50 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.50	138.00	136.50	J597236			
J597238 139.00 140.00 1.00 - - J597239 140.00 141.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597242 144.00 145.50 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.00	139.00	138.00	J597237			
J597239 140.00 141.00 1.00 - - J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597242 144.00 145.50 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.00	140.00	139.00	J597238			
J597240 141.00 142.50 1.50 - - J597241 142.50 144.00 1.50 - - J597242 144.00 145.50 1.50 - - J597243 145.50 147.00 1.50 - -		-	-		1.00	141.00	140.00	J597239			
J597241 142.50 144.00 1.50 J597242 144.00 145.50 1.50 J597243 145.50 147.00 1.50		-	-		1.50	142.50	141.00	J597240			
J597242 144.00 145.50 1.50 - ·		-	-		1.50	144.00	142.50	J597241			
J597243 145.50 147.00 1.50 - ·		-	-		1.50	145.50	144.00	J597242			
		-	-		1.50	147.00	145.50	J597243			



Hole Number	TPK-11-021			Project:	TPK ROWLANDSON LAKE					Project Numb	er: 0	01			
From (m)	To (m)		Litholog	y		Sample #	From	То	Length	, (F	Ag pm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
	. ,					J597244	147.00	148.50	1.50			-	-	-	-
						J597245	148.50	150.00	1.50			-	-	-	-
						J597246	150.00	151.50	1.50			-	-	-	-
						J597247	151.50	153.00	1.50			-	-	-	-
						J597248	153.00	154.50	1.50			-	-	-	-
						J597249	154.50	156.00	1.50			-	-	-	-
						J597251	156.00	157.50	1.50			-	-	-	-
						J597252	157.50	159.00	1.50			-	-	-	-
						J597253	159.00	160.50	1.50			-	-	-	-
						J597254	160.50	162.00	1.50			-	-	-	-
						J597255	162.00	163.50	1.50			-	-	-	-
						J597256	163.50	165.00	1.50			-	-	-	-
						J597257	165.00	166.50	1.50			-	-	-	-
						J597258	166.50	167.10	0.60			-	-	-	-
167.10	167.70	SHR Shear SHEARED 60TCA; WE SHEARING CHANGES	AK CARB ALT; 1% FG DIS	S PY; SHEARED 60TCA UNTIL '	67.4M THEN	J597259	167.10	167.70	0.60			-	-	-	-
		Mineralization Maj. :	Type/Style/%Mineral	Comment											
		167.10 - 167.70	PY DIS 1												
		Structure Maj.:	Type/Core Angle	Comment											
		167.10 - 167.40	SHR 60												
		167.40 - 167.70	SHR 10												
167 70	169 20		, Monzonite			1507260	167 70	168 40	0.70			_	_	_	_
107.70	100.20	BLACK AND WHITE: F	G; BIOTITE AND FELDSPA	R CRYSTALS; OCCASIONAL C	ARB STRINGERS;	1507261	168.40	160.40	0.70			-	-	-	-
		RARE TRACE FG DISS	S PY	,	,	3397201	100.40	109.20	0.00			-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDSON LA	AKE				Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
169.20	169.75	SHR Shear SHEARED 60TCA; WEAK CHLOR AND CARB ALT; TRACE FG DISS PY; QTZ STRINGER IN MIDDLE OF SHEAR; UC 60TCA; LC 90TCA Structure Maj.: Type/Core Angle Comment 169.20 - 169.75 SHR 60	J597262	169.20	169.80	0.60		-	-	-	-
169.75	172.60	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597263 J597264 J597265	169.80 171.00 171.80	171.00 171.80 172.60	1.20 0.80 0.80		-	-	-	- -
172.60	173.60	QMON <i>Quartz Monzonite</i> DARK GREY; FINER GRAINED THAN SURROUNDING QTZ MONZONITE; LESS FELDSPAR; SHARP CONTACTS; UC 40TCA; LC 50TCA; NOT MINERALIZED	J597266	172.60	173.60	1.00		-	-	-	-



Hole Number	TPK-11-021	Project: TPK ROWLANDSON LA	KE				Project Number:	001			
From (m)	То (т)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
173.60	174.15	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597267	173.60	174.10	0.50		-	-	-	-
174.15	174.35	SHRShearSHEARED 45TCA; WEAK CARB ALT; TRACE FG DISS PY; QTZ NEAR UCStructure Maj.:Type/Core AngleComment174.15 - 174.35SHR 45	J597268	174.10	174.60	0.50		-	-	-	-
174.35	187.05	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597269 J597270 J597271 J597272 J597273 J597274 J597276 J597277	174.60 175.50 176.00 177.00 178.50 180.00 181.50 183.00	175.50 176.00 177.00 178.50 180.00 181.50 183.00 184.50	0.90 0.50 1.00 1.50 1.50 1.50 1.50 1.50			-		



Hole Number	TPK-11-021	Project: TPK ROWLANDSO					Project Number:	001			
From (m)	To (m)	Lithology	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
			J597278	184.50	186.00	1.50		-	-	-	-
			J597279	186.00	187.00	1.00		-	-	-	-
187.05	187.15	SHRShearSHEARED 70TCA; 1% ASPY; TRACE FG DISS PY; QTZ STRINGERS; SHARP 70TCA CONTACTSStructure Maj.:Type/Core AngleComment187.05 - 187.15SHR 70									
187.15	189.00	QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; OCCASIONAL CARB STRINGERS; RARE TRACE FG DISS PY	J597280 J597281 J597282	187.00 187.50 188.00	187.50 188.00 189.00	0.50 0.50 1.00		-	- -	- -	- -



DRILL HOLE REPORT

Hole Number	FPK-11-022				Projec	t: TPK I	ROWLANDSON	AKE			Project Number	: 001
Drilling		Casing			Core				Location		Other	
Azimuth:	360	Length:		0	Dimension:	BQ			Township:	WAPITOTEM	Logged by:	Sarah Miller
Dip:	-65	Pulled:			Storage:	ROWLAN	DS		Claim No.:		Relog by:	
Length:	264	Capped:	yes		Section:				NTS:	43D/05	Contractor:	BRADLEY BROTHERS
Started:	28-Mar-11	Cemented:			Hole Type	DD			Hole:	SURFACE	Spotted by:	Sarah Miller
Completed:	31-Mar-11										Surveyed:	
Logged:	29-Mar-11										Surveyed by:	Sarah Miller
Comment:	Several shears intersected m	ost notable ones:	54 15-54 5n	sheared 55TCA	0.5% aspy: 204	3-	Coordinate - G	emcom	Coordinate - U	тм	Geophysics:	
Commond	205.2m sheared 55TCA, 0.5% 209.8-216.8m weak to moder	6 py, qtz stringers ate sheared 30TC	; 209.6-209.8 A to parallel	Bm sheared 45TCA trace py; 220-221	.2m sheared pa	alt; altel to	East:	442097	East:	442097	Geophysic Contractor:	
	core axis, qtz stringers, 0.5%	ру					North:	5813419	North:	5813419	Left in hole:	
							Elev.:	258	Elev.: Zone: 16N	258 NAD: NAD83	Making water:	
									-		Multi shot surv	yey: yes

Deviation Tests

Distance	Azimuth	Dip	Туре	Good	Comments	
0.00	360.00	-65.00	С	\checkmark		
30.00	357.60	-65.80	F	\checkmark		
60.00	357.60	-66.60	F	\checkmark		
90.00	358.40	-66.80	F	\checkmark		
120.00	359.40	-66.70	F	\checkmark		
150.00	0.70	-66.70	F	\checkmark		
180.00	3.60	-67.00	F	\checkmark		
210.00	1.40	-65.90	F	\checkmark		
240.00	5.90	-66.90	F	\checkmark		
264.00	5.80	-66.90	F	\checkmark		



Hole Number	e Number TPK-11-022					TPK ROWLANDSON LAKE					Project Numbe	r: (001			
From (m)	To (m)			Lithology			Sample #	From	То	Length	A (pt	g m)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
0.00	16.00	CAS CASING	Casing													

16.00 20.20 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; 17-18M QTZ STRINGERS PARALLEL TO CORE AXIS WITH TRACE MOLY

20.20 20.70 SHR Shear SHEARED 40TCA; GRADATIONAL CONTACTS; WEAK HEMATITE ALT; TRACE FG DISS PY

20.70 28.55 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; 27.3-27.7M QTZ STRINGERS PARALLEL TO CORE AXIS WITH TRACE MOLY



Hole Number TPK-11-022					TPK ROWLANDSON LAKE				Project Number:	00 1	1			
From (m)		To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	A (g2 %)	Agol (%)	Au (g/t)	Au2 (g/t)

28.55 28.70 SHR Shear SHEARED 30TCA; WEAK CARB, CHLOR AND HEMATITE ALT; SHARP 30TCA CONTACTS; TRACE FG DISS PY

28.70 36.05 QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; WEAK HEMATITE ALT

36.05 36.30 SHR Shear

SHEARED 50TCA; GRADATIONAL CONTACTS; WEAK CARB AND CHLOR; TRACE FG DISS PY

36.30 54.15 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; WEAK HEMATITE ALT UNTIL 39M



Hole Number	r TPK-11-0	2	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

54.15 54.50 SHR Shear

MODERATE SHEAR; SHEARED 55TCA; SHARP 55TCA CONTACTS; WEAK CARB/CHLOR ALT; 0.5% ASPY MOSTLY NEAR LC

54.50 56.80 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

56.80 57.20 SHR Shear MODERATE SHEAR; SHEARED 50TCA; MODERATE HEMATITE ALT; UC GRADATIONAL; LC SHARP 50TCA; TRACE FG DISS PY; FEW CARB ATRINGERS FOLLOWING FOLIATION



Hole Number	TPK-11-022		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

57.20 61.00 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

61.00 61.10 SHR Shear SHEARED 60TCA; GRADATIONAL CONTACTS; CARB STRINGER IN MIDDLE WITH BLEBBY PY; WEAK HEMATITE ALT

61.10 85.10 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

85.10 85.55 SHR Shear

STRONG SHEAR; SHEARED 60TCA; WEAK CARB/CHLOR ALT; SHARP 60TCA CONTACTS; 0.5% FG DISS PY



Hole Number	r TF	PK-11-022		Projec	ct:	TPK ROWLANDSON LAKE					Project N	lumber:	001			
From (m)	(To (m)	Litl	nology		Sample #	Fro	m	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

85.55 88.70 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

88.70 89.45 SHR Shear

MODERATE SHEAR; SHEARED PARALLEL TO 20TCA; WEAK CARB/CHLOR ALT; TRACE FG DISS PY; GRADATIONAL CONTACTS; VERY WEAK HEMATITE ALT

89.45 99.60 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm,	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

99.60 99.70 APL Aplite Dike APLITE DYKE; GREY; TRACE FG DISS PY; VERY WEAK CHLOR ALT

99.70 105.15 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

105.15 105.90 SHR Shear

MODERATE SHEAR; SHEARING STARTS PARALLEL TO CORE AXIS THEN HALF WAY TURNS TO 50TCA; UC GRADATIONAL; LC 50TCA; 1% FG DISS PY; CARB/CHLOR ALT

105.90 106.65 APL Aplite Dike

PATCHES OF APLITE DYKE; GREY/GREEN; HAIRLINE CARB STRINGERS; TRACE PY



Hole Number	r TF	PK-11-022		Project:	TPK ROWLANDSON LAK	E				Project Nu	umber:	001			
From (m)		To (m)	Lith	blogy		Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

106.65	109.50	QMON	Quartz Monzonite
		BLACK AND W PY	(HITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS

109.50	109.60	SHR	Shear	
		SHEARE CONTAG	ED 40TCA; QTZ/CARB S CTS; BLEBBY PY WITH	STRINGER 2CM WIDE IN MIDDLE OF SHEAR; GRADATIONAL IN STRINGER; WEAK CHLOR ALT

09 60	113 85	OMON	Quartz Monzonite
03.00	115.05		

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number	трк-	-11-022		Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	То (т)	D 1)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag) (%	12 A 5)	Agol (%)	Au (g/t)	Au2 (g/t)

113.85 114.10 SHR Shear WEAK SHEAR; SHEARED 50TCA; GRADATIONAL CONTACTS; TRACE FG DISS PY

114.10 115.60 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

115.60 115.70 SHR Shear SHEARED 30TCA; QTZ/CARB STRINGER 1CM WIDE WITHIN SHEAR; 0.5% BLEBBY PY; WEAK CHLOR ALT

115.70 122.75 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number	r TF	PK-11-022		Project:	TPK ROWLANDSON LAKE	<u> </u>				Project Nu	ımber:	001			
From (m)		To (m)	Lithology			Sample #	From	То	Length		Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

122.75 124.60 SHR Shear

MODERATE SHEAR; SHEARED 20TCA TO PARALLEL TO CORE AXIS; FEW QTZ/CARB STRINGERS NEAR CONTACTS; 1% FG DISS PY; UC 30TCA AND QTZ BLOBS; LC 50TCA

124.60 133.80 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

133.80 134.25 APL Aplite Dike GREY/WHITE; SMALL BIOTITE CRYSTALS; WEAK CHLOR ALT; UC 70TCA; LC 50TCA



Hole Number	TPK-11-022		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From	То							Ag	Ag2	Agol	Au	Au2
(m)	(m)	Lithology		Sample #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)

134.25 140.50 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

140.50 140.80 APL Aplite Dike GREY/GREEN; TRACE FG DISS PY; SHARP CONTACTS 60TCA

140.80 154.35 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

154.35 154.60 APL Aplite Dike GREY/GREEN; TRACE FG DISS PY; UC 60TCA; LC 50TCA



Hole Number	TPK-11)22 P	Project:	TPK ROWLANDSON LAKE				Project Number:	001				
From (m)	To (m)	Lithology		Sample #	From	То	Length	Ag (ppm	Ag 2 (%)	2 Ag	gol A %) (§	Au g/t)	Au2 (g/t)

154.60 157.25 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

157.25	157.50	APL	Aplite Dike

GREY/GREEN; TRACE FG DISS PY; UC 50TCA; LC 40TCA

157.50 159.35 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number TPK-11-022				Project:	TPK ROWLANDSON LAK	E				Project Numbe	: 00	01				
From	To			Lithology			Sample #	From	To	Longth	A	y A	4g2	Agol	Au	Au2
(11)	(11)		Anlita Dika	Litilology			Sample #	110111	10	Lengui	(PP		(70)	(70)	(9/1)	(9/1)

GREY/WHITE; TRACE FG DISS PY; WEAK CARB/CHLOR ALT; CONTACTS 30TCA

159.60 160.20 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

160.20 161.00 SHR Shear SHEARED 50TCA; SHEARING TRUNCATED BY QTMON; UC QTZ/CARB STRINGER 3CM WIDE; TRACE FG DISS PY; UC 60TCA; LC GRADATIONAL

161.00 165.60 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number	TPK-11-	2	Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

165.60 165.90 APL Aplite Dike GREY/WHITE; TRACE FG DISS PY; WEAK CARB/CHLOR ALT; UC 40TCA; LC 20

165.90 170.60 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

170.60 170.80 APL Aplite Dike GREY/WHITE; TRACE FG DISS PY; WEAK CHLOR ALT; CONTACTS 30TCA



Hole Number	TPK-11-022	2 Project: TPK ROWLANDSON LAKE						Project Number: 001					
From (m)	To (m)		Lithology	s	Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)
170.80	180.30	QMON BLACK ANE PY	Quartz Monzonite WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; V	ERY TRACE FG DISS									

180.30 180.60 APL Aplite Dike GREY/WHITE; TRACE FG DISS PY; WEAK CHLOR ALT; CONTACTS 30TCA

180.60 191.40 **QMON** *Quartz Monzonite* BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

191.40 191.60 SHR Shear MODERATE SHEAR; SHEARED 60TCA; GRADATIONAL UC; LC 70TCA; TRACE FG DISS PY



Hole Number TPK-11-022					Project:	TPK ROWLANDSON LAKE	I				Project Numl	oer:	001			
From (m)		To (m)		Lithology			Sample #	From	То	Length	(Ag ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

191.60 196.05 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

196.05 196.10 **VQTZ** *Quartz Vein* SMALL QTZ VN; TRACE FG DISS PY; WEAK HEMATITE ALT; WEAK CARB/CHLOR ALT; UC OPEN FRACTURE AT 70TCA; LC INTERMIXED WITH QMON

 196.10
 200.05
 QMON
 Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

200.05 200.08 VQTZ Quartz Vein



Hole Numbe	er TPK-11-0	22 Project:	TPK ROWLANDSON LAKE					Project Number:	001			
From	То							Ag	Aq2	Agol	Au	Au2
(m)	(m)	Lithology	Sampl	e #	From	То	Length	(ppm)	(%)	(%)	(g/t)	(g/t)
		SMALL QTZ STRINGER AT 55TCA; WHITE QTZ WITH CARB ALT; VERY TRACE MARGINS; FRACTURED;	FG DISS PY ALONG									

200.08 201.80 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

201.80 202.30 SHR Shear MODERATE SHEAR; SHEARED 20TCA TO PARALLEL TO CORE AXIS; 1% FG DISS PY; CARB ALT; GRADATIONAL CONTACTS

202.30 204.30 QMON Quartz Monzonite BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number TPK-11-022					TPK ROWLANDSON LAKE				Project Number	00	01			
From (m)	T (r.	"o n)	Lithology		Sample #	From	То	Length	Ag (ppr	י ב ז) (ו	4g2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)

204.30 205.20 SHR Shear

MODERATE SHEAR; SHEARED 55TCA; UC GRADATIONAL; LC 70TCA AND OPEN FRACTURE; 0.5% FG DISS PY THROUGHOUT; CARB ALT; QTZ VN AT LC 3CM WIDE WITH CHLOR AND CARB ALT AND 0.5% FG DISS PY

205.20 209.60 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

200 60	200 80	SHD	Shoar
209.60	209.60	эпк	Snear

MODERATE SHEAR; SHEARED 45TCA; SHARP 45 TCA CONTACTS; CARB ALT; VERY WEAK SERICITE ALT; FEW QTZ STRINGERS; TRACE FG DISS PY



Hole Number TPK-11-022					Project:	TPK ROWLANDSON LAKE	1				Project Number:	001			
From (m)	To (m)			Lithology			Sample #	From	То	Lenath	Ag (ppm)	Ag2 (%)	Agol (%)	Au (q/t)	Au2 (q/t)
209.80	216.80	SHR	Shear									. ,		,	

WEAK TO MODERATE SHEAR; SHEARED 30TCA TO PARALLEL TO CORE AXIS; GRADATIONAL LC; WEAK CARB/CHLOR; TRACE FG DISS PY

216.80 220.00 **QMON** *Quartz Monzonite*

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY

220.00 221.20 SHR Shear WEAK TO MODERATE SHEAR; SHEARED 10TCA TO PARALLEL TO CORE AXIS; QTZ STRINGERS AT 220.5-220.7M; 0.5% FG DISS PY; CARB STRINGERS; WEAK SHEARING 220.7-221.2M; GRADATIONAL CONTACTS

221.20 264.00 QMON Quartz Monzonite

BLACK AND WHITE; FG; BIOTITE AND FELDSPAR CRYSTALS; UNALTED; VERY TRACE FG DISS PY



Hole Number	TPK-11-0		Project:	TPK ROWLANDSON LAKE				Project Number:	001			
From (m)	То (т)	Lithology		Sample #	From	То	Length	Ag (ppm)	Ag2 (%)	Agol (%)	Au (g/t)	Au2 (g/t)


Fire Assay Procedure

Ag-GRA21, Ag-GRA22, Au-GRA21 and Au-GRA22 Precious Metals Gravimetric Analysis Methods

Sample Decomposition:

Fire Assay Fusion (FA-FUSAG1, FA-FUSAG2, FA-FUSGV1 and FA-FUSGV2)

Analytical Method:

Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold. Silver, if requested, is then determined by the difference in weights.

Method Code	Element	Symbol	Units	Sample Weight (g)	Detection Limit	Upper Limit
Ag-GRA21	Silver	Ag	ppm	30	5	10,000
Ag-GRA22	Silver	Ag	ppm	50	5	10,000
Au-GRA21	Gold	Au	ppm	30	0.05	1000
Au-GRA22	Gold	Au	ppm	50	0.05	1000

Revision 03.01 Aug 17, 2005





Fire Assay Procedure

<u>Au- AA23 & Au- AA24</u> Fire Assay Fusion, AAS Finish

Sample Decomposition:

Fire Assay Fusion (FA-FUS01 & FA-FUS02)

Analytical Method:

Atomic Absorption Spectroscopy (AAS)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven, 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by atomic absorption spectroscopy against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au- AA23	Gold	Au	ppm	30	0.005	10.0	Au- GRA21
Au- AA24	Gold	Au	ppm	50	0.005	10.0	Au- GRA22

Revision 04.00 Aug 17, 2005





Geochemical Procedure

<u>ME- MS61</u> <u>Ultra- Trace Level Method Using ICP- MS and ICP- AES</u>

Sample Decomposition:

HF-HNO₃-HClO₄ acid digestion, HCl leach (GEO-4A01)

Analytical Method:

Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES) Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

A prepared sample (0.25 g) is digested with perchloric, nitric, hydrofluoric and hydrochloric acids. The residue is topped up with dilute hydrochloric acid and analyzed by inductively coupled plasmaatomic emission spectrometry. Following this analysis, the results are reviewed for high concentrations of bismuth, mercury, molybdenum, silver and tungsten and diluted accordingly. Samples meeting this criterion are then analyzed by inductively coupled plasma-mass spectrometry. Results are corrected for spectral interelement interferences.

NOTE: Four acid digestions are able to dissolve most minerals; however, although the term "*near-total*" is used, depending on the sample matrix, not all elements are quantitatively extracted.

Element	Symbol	Units	Lower Limit	Upper Limit
Silver	Ag	ppm	0.01	100
Aluminum	AI	%	0.01	50
Arsenic	As	ppm	0.2	10 000
Barium	Ba	ppm	10	10 000
Beryllium	Be	ppm	0.05	1 000
Bismuth	Bi	ppm	0.01	10 000
Calcium	Са	%	0.01	50
Cadmium	Cd	ppm	0.02	1 000
Cerium	Ce	ppm	0.01	500
Cobalt	Со	ppm	0.1	10 000

Revision 04.00 Sep 26, 2006





Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Chromium	Cr	ppm	1	10 000
Cesium	Cs	ppm	0.05	500
Copper	Cu	ppm	0.2	10 000
Iron	Fe	%	0.01	50
Gallium	Ga	ppm	0.05	10 000
Germanium	Ge	ppm	0.05	500
Hafnium	Hf	ppm	0.1	500
Indium	In	ppm	0.005	500
Potassium	К	%	0.01	10
Lanthanum	La	ppm	0.5	10 000
Lithium	Li	ppm	0.2	10 000
Magnesium	Mg	%	0.01	50
Manganese	Mn	ppm	5	100 000
Molybdenum	Мо	ppm	0.05	10 000
Sodium	Na	%	0.01	10
Niobium	Nb	ppm	0.1	500
Nickel	Ni	ppm	0.2	10 000
Phosphorous	Р	ppm	10	10 000
Lead	Pb	ppm	0.5	10 000
Rubidium	Rb	ppm	0.1	10 000
Rhenium	Re	ppm	0.002	50
Sulphur	S	%	0.01	10
Antimony	Sb	ppm	0.05	10 000
Scandium	Sc	ppm	0.1	10 000
Selenium	Se	ppm	1	1 000
Tin	Sn	ppm	0.2	500
Strontium	Sr	ppm	0.2	10 000

Revision 04.00 Sep 26, 2006





Geochemical Procedure

Element	Symbol	Units	Lower Limit	Upper Limit
Tantalum	Та	ppm	0.05	100
Tellurium	Те	ppm	0.05	500
Thorium	Th	ppm	0.2	10 000
Titanium	Ti	%	0.005	10
Thallium	TI	ppm	0.02	10 000
Uranium	U	ppm	0.1	10 000
Vanadium	V	ppm	1	10 000
Tungsten	W	ppm	0.1	10 000
Yttrium	Y	ppm	0.1	500
Zinc	Zn	ppm	2	10 000
Zirconium	Zr	ppm	0.5	500

Revision 04.00 Sep 26, 2006

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