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### Moon Energy Corp

DIAMOND DRILLING REPORT

FOR

### MOON ENERGY CORP. FOUNDATION CANADA

ON THE

KEEFER STARGATE PROJECT,

**KEEFER TOWNSHIP,** 

PORCUPINE MINING DIVISION,

DISTRICT OF COCHRANE

2/15/2022

### Glenn Galata

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### **Introduction**

During the summer of 2020, a single extension hole diamond drilling program was undertaken as identified by drill hole extension KEF1-20 within claim 300919. KEF1-20 was an extension of an earlier hole drilled in 2011 (MEC-2011-01). This hole extension was the third test to be drilled within this relatively unexplored portion of Keefer Township where the geology is mapped as being predominantly a Tonalite intrusive environment in composition and thus has had minimal historical exploration exposure associated with it. The drilling was undertaken as a blind stratigraphy test to examine rock characteristics at depth within a geological region deemed favorable for possible mafic volcanic/ felsic intrusive contact style gold mineralization strata.

The purpose of this drill hole was to test at greater depth, geological extension of the initial surface drill hole performed in 2011 for the possible presence of more favorable underlying gold bearing mafic volcanic lithologies which may lay in close proximity to that of the predominant surface evident felsic intrusive cover. Such favorable mafic volcanic sequences, some of which are known to be gold bearing and lay in close proximity to the south of the drill hole collar, are deemed to be favorable exploration target horizons when looked at in closer association with Felsic Intrusive lithologies being encountered in proximity. The regionally interpreted contact horizon of such lithological units is interpreted to lay in close proximity to the immediate south of the drill hole along highway 101 (within 1000 meters) Such mafic volcanic strata has accepted potential to extend to the north at depth where it sub-ducts the intrusive felsic cover where more favorable regions for enhanced gold bearing strata may reside along a contact horizon between the two lithology sequences.

The testing of the thickness of the overlying Tonalitic cover to that of the interpreted underlying (subducting) mafic volcanic strata is again the primary follow up consideration for the current program. At the present drill commencement/extension program depth point of 198.8 meters vertical, the Tonalitic host environment persists but is becoming increasingly silica dominated in the form of increasing quartz content and decreasing Biotite content down hole and as such, it is being postulated that geological/geochemical changes are taking place, which point towards evidences that the sought for underlying Mafic Volcanic contact horizon is being encroached upon, and warrants continued drill depth extension. To support this prediction, at 176 meters depth in earlier hole MEC-2011-01 drilled in 2011, a one meter wide mafic volcanic xenolith characterized with significant hydrothermal alteration overprint was encountered which had initially/earlier suggested that the sought for underlying mafic volcanic contact horizon could be in close proximity.

The property has not been visited by the Resident Geologist or its staff.

### **Property**

The property area referred to in this report (Keefer Stargate) consists of one staked mining claim unit which is part of a collective project expanse which hosts 20 staked units in total. The claim group is contiguous and adjacent to the primary exploration holdings of Melkior Resources to the immediate east, and 1911 Gold Corp to the immediate south, south-east. To the immediate north, west and south-west portions of the overall collective claim group, private prospector level claim interests abut.

### Location and Access

The Denton Resources, "Keefer North" property is located in the east central portion of Keefer Township which is part of the Porcupine Mining Division, district of Cochrane in Northeastern Ontario. More specifically, it is situated/bisected by Hwy 101 at a point which is approximately 35 kilometers west of the city of Timmins. The White Birch Outpost forms a commercial reference landmark which correlates with both highway 101/Star Lake Road junction and the Denton-Keefer Townships boundary line. The drill hole outlined in this report lays approximately 800 meters due west of the White Birch Restaurant and hwy 101/Star Lake Road junction and can be accessed in two wavs. The first is by an ATV/Foot Path which trends westward from Star Lake Road at a location approximately 25 meters north of highway 101(directly adjacent to the White Birch Outpost). At approximately 700 west along this trail, a wooden bridge is reached which crosses a 3 meter wide stream. Another 100 meters approximately further, a north-south trending survey grid line is encountered where heavy equipment passage is obvious. Walking south from this point approximately 150 meters along the grid line brings the participant to the drill collar site.

The secondary access to the property by pickup truck and for heavy machinery routing purposes directly to the drill hole is accomplished by alternative logging road access further to the west. At approximately 2900 meters further west along Highway 101 from Star Lake Road, brings one to Little Star Lake Road which trends northwards into the project region where additional and less maintained historical logging roads allow closer access to the drill site. At a point approximately 1.5 kilometers north of highway 101 along Little Star Lake Road, an obvious, sand esker underlain logging road which vectors towards the north-east is accessed for approximately 3100 meters which again brings one to a point where an obvious due south trending bulldozer cleared bush road allows final access to the drill collar site at a distance of approximately 200 meters from its start.

### Mineral Exploration History

Mineral exploration assessment reporting records which would be deemed eligible for exemplifying and verifying the historical exploration virtues of the immediate and surrounding project areas is virtually non existent, as is the case in most of remaining Keefer Township. This condition is due to the predominantly surface evident Tonalitic geological environment available for exploration coverage in this township and as such, historical exploration undertakings in Keefer Township has been largely focused within the southern half and in close proximity to highway 101 which directly correlates with the narrowing greenstone lithology host environment which trends west from Timmins.

Aside from Keefer Townships historical relationship which correlates directly to that of the Star Lake Nickel Float exploration initiatives undertaken by Hollinger Consolidated Gold Mines Ltd during 1965, the area has exhibited an almost barren region of claim coverage historically. The Hollinger program, which formed at least part of the present rational to enter into this area, consisted of a line cutting program supported by magnetometer survey coverage which was carried out between March 30<sup>th</sup> and April 18<sup>th.</sup> Such undertakings were made in an attempt to locate a possible local bedrock source environment as attached to a large 9 foot diameter Nickel, Copper float which was partially buried in a sand esker just south of Star Lake. Exploration work to date has failed to produce the possible bedrock source location for the float.

In 2005, the region of the present project claim was previously held under a different claim number by the same report company "Moon Energy Corp" where a single diamond drill hole was undertaken in an area approximately 800 meters to the west, south-west from the present report hole location. The claim was subsequently allowed to lapse and was later re-staked by the present reporting company. The 161.5 meter drill hole was logged as encountering similar lithology and mineralization but lacked the increasing quartz content variable down hole and as well did report any evidence of xenolith presence, both of which were encountered in the present report hole. The 2005 hole did contain evidence of shearing and epidote alteration of narrow grey carbonate stained quartz veining zones near the bottom of the hole, both of which are indications of increasing hydrothermal markers down hole.

The Sims claim holdings historically held by William Sims reside approximately 7 kilometers to the west; south-west of the present project claim appears to be only one of two historically significant exploration environments reported on with Keefer Township over many decades. The Sims property was subjected to several diamond drilling programs over the years which produced inconclusive exploration potential due to the predominance of high grade but sporadically encountered gold mineralization returns over such attempts. The last known exploration program of significance on this project was undertaken by United Reef in 2010 and 2011.

The Downing claims located approximately 400 meters to the south of the current project area (historically held by Frank Galata) have been the principal claim holdings in Keefer Township where the most significant and continual exploration activities have taken place since 1985 and as such, have received the majority of the filed assessment work within Keefer Township since that time. Significant exploration environments exist on this particular project region for both Gold and Base Metal opportunities, most of which have received preliminary attention geophysically and limited follow up drilling. At the present time, RT Minerals was the last known exploration party to have been present on this property under an option scenario with Downing with Lake Shore Gold now being in the position of having the right to inherit continuance.

From 1986 -1989 Newmont Exploration of Canada Ltd had held a large land position which attached historically onto and trended north-east along highway 101 to Cripple Creek from a point which correlates with the east side of present drill collar claim outlined in this report. The claim holdings were divided into two groups, with the Keefer Township portion being ascribed the "Smith Option" and the Denton Township extension portion, the "Brown-McDade option". A brief summary of the workings performed by Newmont is outlined below.

From 1986:

i) In September 1986, conducted a program of lithgeochemical sampling of outcrops and of older diamond drill core; a horizontal loop electromagnetic was also carried out on claim no. P. 568473 (Archer, June 1987)

ii) In June 1987, completed 753 meters of diamond drilling in 4 holes, on claim no. P. 557599 (Archer, Oct. 1987)

iii) In September of 1987, Newmont signed an agreement with Robert G. Smith for an additional 33 claims located immediately west of the Brown-McDade option. There is no record of nay previous work on the Smith Claims.

iv) Over 120 kilometers of grid lines were cut, and covered by a mag and VLF survey , from October to December 1987 (Limion, Jan. 1988)

v) In January 1988. two EMP loops were set up and read in the vicinity of claim nos. 949314, 949312, and 544596 (Limion, April 1988a)

vi) Line cutting and mag surveys were completed by Guy Thibeault Exploration Services in April 1988, on two remaining claims which had not been previously covered (P.947598 and 949332 - see Limion, April 1988b) vii In the summer and fall of 1988, a mapping and drilling program was completed. A total of 1218 meters of diamond drilling was performed in 7 holes. A total of 438 samples were submitted for analysis which returned generally low gold (up to 2 grams per ton) bearing quartz vein zones up to 9 meters in width.

### **Diamond Drilling Overview**

Diamond drilling was reinitiated in 2020 through the continued deepening of historical hole KEF20-01 for the purpose of revealing continuing down-hole lithology and alteration characteristics which could be utilized to further predict environmental conditions that could be expected to be in place when attempting to search for underlying mafic volcanic contact horizons which subduct past the point of felsic intrusive cover. The drill program was undertaken by NPLH Drilling from Timmins.

In this particular region of Keefer Township characteristically, the close proximity/affinity of intruding granitic batholiths/plutons to that of greenstone trends, particularly exemplified by the Carleton Lake Pluton intruding the Deloro mafic volcanic setting within Carscallen Township to the immediate north-east, have shown to be of great influence in the existence of gold bearing contact horizons being witnessed to be proximal between the two structures.

The existence of sulphide mineralized, quartz-epidote bearing tonalite lithology being evident to be seen outcropping in granitic cover within one kilometer of the mafic volcanic contact horizons at other known gold bearing regions of interest along strike regionally, gives credence to the premise that such environments may exist in this area of Keefer Township and as well at the Carscallen setting to the north-east. Considering that the Deloro-Batholithic sequence which forms the gold bearing separative environment in Carscallen Township at the well known Melkior Resources Carscallen Gold Project also forms the present south-west trajectory continuance based setting in the Keefer North project zone, strengthens the exploration virtues of the project area for similar returns. Such zones of interest could exist in close proximity under relatively shallow intrusive cover within 1000 meters of the known exposed mafic/felsic intrusive contact horizons.

Examination of the drill target area on a prospecting level had, on previous occasion, revealed meaningful levels of outcroppings of stringer type quartz vein bearing Basalts located to the west and south of the current drill hole deepening location. Such outcroppings which occur within close proximity (1-2 km intrusive target zone buffer) of the greenstone/granite contact horizon are of specific interest, and represent a favorable area for testing of the sought for underlying

mafic volcanic basement strata through relatively thin intrusive cover (500 meters).

### Drill Core Overview:

The continued deepening of the hole from its earlier 198.8 depth level to its termination point of 525 meters was successful in the eventual penetrating the underlying/subducting mafic volcanic strata at an approximate depth of 510 meters which was exemplified by ways of an encounter of a mafic dyke and the massive mafic flow transition which immediately followed.

Drill core returned overall by volume, was predominantly granitic in composition over the full length of the hole, with minimal sulphide mineralization being encountered. Overall on a major down-hole lithology scale, a series of interleaving felsic intrusive lithologies of slightly varying affinity were logged, which ranged alternately between more generic granodiorite variation and subsequent potassic influenced granodiorite compositions, both of which consistently were in place prior to the first clear signs of mafic volcanic influences being encountered through the presence of the mafic dyke. The only lithology interruption being encountered to the dominant Granodiorite to Potassic Granodiorite interleaving sequence volumetrically, included a singular isolated instance of a white to light-grey Felsic Intrusive lithology layer which appears to be the only region of the drill hole in which a minor level of shearing exists in combination with mafic volcanic stringers.

Major Lithology Layering Sequence Down-Hole:

198.8m - 250m - Granodiorite 250 m - 370.5 m - Potassic Granodiorite 370.5m - 371.5 m - Granodiorite 371.5m - 375.65m - Felsic Intrusive 375.65m - 371.65m - Granodiorite 381.65m - 399.65m - Granodiorite 399.65m - 510.15m - Potassic Granodiorite

510.15m - 525m - Feldspar Porphyritic Mafic Intrusive

### **Conclusion:**

The completion of the prescribed diamond drill test depth extension mandate to validate the vertical penetration requirement of the overlying granitic intrusive sequence, was successful to 525 meters total depth. This intrusive depth cover figure can now serve to determine future exploration depths of investigation requirements.

What is significant about the drill hole result outcome is the remarkably close correlation between the estimated depth of the thickness of the overlying felsic intrusive which was in place prior to the start of the drill hole from surface, and the actual depth of encounter of the underlying mafic volcanic strata which was exemplified at the 463.6 meter level where a diabase dyke was deemed to represent such contact evidence through the following lithology change to mafic volcanic. The pre-drilling penetration requirement estimates which were made from surface and to depth of target (mafic volcanic contact) was on the order of 481 meters, which in the present case, represents a 96% accuracy correlation outcome subsequent to drill verification.

In closing, the verification of the pre-drill surface predicted depth of overlying granitic cover to that of the underlying (subducting) mafic volcanic strata has been established.

### **Recommendation:**

As a result of the sought for mafic volcanic being reliably encountered, the implementation of a down hole Induced-Polarization survey is being recommended to further aid in the overall interpretive decision making process of possibly continuing the drill hole to further depths into the favorable mafic volcanic lithology basement environment. Such survey implementation should be used in conjunction with the observed geological attributes realized within the drill core in order to determine a reasonable minimum depth for further drill hole extension considerations.

### **Diamond Drill Core Log Summary**

Hole Number:	KEF1-20
Property Area:	Keefer Stargate
Township:	Keefer Twp, Ontario
Claim No:	MLAS 300919
Core Size:	NQ
Contractor:	NPLH Drilling Timmins
Logged By:	Kevin Montgomery
Date Logged:	June 14 to June 21, 2020
Coordinates Grid:	L0+00W / 800N
Coordinates UTM:	Zone 17, 444460E, 5352300N
Dip at Collar:	-90 degrees
Azimuth:	Vertical Orientation
Depth:	198.8 - 525 meters
Started:	June 3, 2020
Finished:	June 9, 2020
Core Storage:	CXS Larder Lake
Overburden:	0 meters (extension hole)

The drill core predominately consists of medium to coarse grained Biotite granite to granodiorite in composition, carries minor epidote, occasionally magnetic and rare hematite coloring on fractures. Rock quality data (RQD) was excellent as the intrusion shows almost no deformation. Small rare partially assimilated xenoliths with increased Biotite content occur in the core. The start of the hole continuation/extension, has a bluish grey hue and quartz content increases down hole. The drill core was scanned with a McPhar Spectrometer for radioactivity with negative results.

### HOLE: KEF1-20

### DIAMOND DRILL LOG

HOLE: KEF1-20	Depth	Dip
COMPANY: Affinity Metals/Denton Resources	237	-87.8
PROPERTY:       West Timmins Gold       Collar Azimuth: 360         LOCATION:       Keefer Twp. Ontario       CLAIM:       Collar Dip: -90	297	-87.7
GRID: UTM Zone 17 NAD 83 GPS: 444460E, 5352300N Hole Length: (198.8- 525m)	327	-87.8
OBJECTIVE: Granite Thickness Test	357	-87.9
DRILLERS: NLPH Drilling	387	-87.9
DRILLING DATE:	417	-87.7
COMMENTS: Extension of an existing hole.	477	-87.9
	507	-87.7

FROM	то	LITHOTYPE	GEOLOGICAL DESCRIPTION							
198.8	250	Granodiorite	Pink to white, massive, coarse-grained (Cg), equigranular	SAMPLE	FROM	то	LENGTH	Au gpt.	Cu ppm	Zn ppm
			homogenous, non-magnetic granodiorite. It consists of 10-							
			15% clear quartz phenocrysts, dark green amphibole							
			(hornblende?) phenocrysts and 70% pink or light green							
			feldspar (plagioclase) phenocrysts interlocked. Local							
			patchy weak-moderate pervasive hematization.							
			Lower contact gradational.							
	212.6	213.55	local hematite filled fractures.							
	213.55	214.3	Dark green, Vfg, sheared, non-magnetic, moderately hard,							
			mafic intrusive. It consists of 25% light green epidote swirls	6						
			at 45 to CA in a dark green mafic matrix. UC 55 to CA &							
			Lower contact (LC) 65 to CA.							
	214.3	222.6	ALTERATION: reddish pink moderate pervasive hematite.							
	217.4	219	local core grinding by drillers.							
	230.3	230.5	clear Vfg quartz veinlet (5 mm wide),15 to CA.							
250	370.5	Potassic	Red, massive, coarse-grained (Cg), equigranular, potassic	;						
		Granodiorite	rich granodiorite. Same as 198.8-250 m with K-spar.							
			Dark green to black, Fg-Mg, massive mafic intrusive							
			xenoliths (oval shaped) begin below 253 m,. Examples are	)						
			at 253.6 m (4x6 cm), 257.15 m (5x14 cm), 256.5 m (5x7							
			cm), 284.1 m (5x5 cm), 312.45 m (4x6.5 cm) & 345.5 (6x							
			8 cm)Lower contact gradational with K-spar disappearance	Э,						
	260.7	261	Light grey, aphanitic, quartz veinlet (8 mm wide), 0 to CA	A685501	259	260	1			
			It contains 1% Mg-Fg brassy pyrite disseminations.	A685502	260	260.7	0.7			
	283.55	284.05	Dark green, Vfg, non-magnetic, massive, homogenous,	A685503	260.7	261	0.3			
			mafic intrusive. It is composed of 5-7% pink sub-rounded	A685504	261	261.5	0.5			
			feldspar phenocrysts (1-3 mm) in a Vfg massive chlorite-	A685505	261.5	262.5	1			

### HOLE: KEF1-20

### DIAMOND DRILL LOG

		amphibole matrix. UC broken & LC 40 to CA	A685506	351	352.15	1.15
283.53	283.56	Mafic intrusive dyklet (2 cm wide), 65 to CA.	A685507	352.15	352.65	0.5
300	300.6	minor mafic shears, 65 to CA.	A685508	352.65	353.33	0.68
352.15	352.65	Dark green, Vfg, magnetic, massive Diabase 90 to CA.	A685509	353.33	354	0.67
352.65	353.33	Grey, Vfg-Fg, massive, moderately magnetic, Lamprophyre	e			
		It consists of 10% brown phlogopite flakes, 10% Mg black				
		amphibole laths, 20% white calcite-quartz nodules (up to				
		1 cm wide) in a Vfg calcite-amphibole matrix. LC 90 to CA	A685510	360.5	361.5	1
361.5	362.75	Green Fg-Mg, sheared Chloritic Granodiorite. It consists	A685511	361.5	362.75	1.25
		of 40-45% red feldspar-silica elliptical fragments - phenols	A685512	362.75	364	1.25
		in a Chloritic matrix. Shearing 45 to CA. UC 45 to CA and				
		LC 75 to CA.				
369.8	370.05	weak chlorite shearing.				
371.5	Granodiorite	White, massive, Mg, homogenous, granodiorite. It is				
		composed of 15% green to black mafic wisps & 5% clear				
		to blue quartz eyes in a beige felsic matrix.LC gradational	A685513	371	371.5	0.5
375.65	Felsic	White to light grey, Vfg, sheared and massive, felsic	A685514	371.5	372	0.5
	Intrusive	intrusive (phase of the granodiorite). It is composed of Vfg	A685515	372	373	1
		to aphanitic matrix with local mafic stringers. The upper	A685516	373	374	1
		part (371.5-372-3) is moderately to strongly sheared with	A685517	374	375	1
		sericite wisps. Shearing is 70 to CA. From 373 to 375 m,	A685518	375	375.65	0.65
		massive with local beige carbonate clots and patch at				
		374.95 m. Trace to 0.5% Vfg finely disseminated pyrite.				
		Transitional phase from 375 to 375.65 m grading from Vfg				
		to Cg granodiorite with 10-12% dark green chlorite filled				
		micro fractures to gashes. Lower contact gradational.	A685519	375.65	376.25	0.6
			A685520	376.25	377	0.75
381.65	Granodiorite	same as 370.5-371.5 m. Beige carbonate clots(1-2%)	A685521	377	377.75	0.75
		from 377 to 378.4m. MIN: 1% Fg brassy pyrite diss from	A685522	377.75	378.4	0.65
		377.75-378.4 m.	A685523	378.4	379	0.6
			A685524	379	380	1
399.65	Granodiorite	Pink to white, Cg, massive granodiorite. Predominantly with patchy pink K-spar alteration. The granodiorite is more mafic rich 25-30% chloritic amphibole phenocrysts				
	283.53 300 352.15 352.65 361.5 369.8 371.5 375.65 375.65 381.65 399.65	<ul> <li>283.53 283.56 300 300.6 352.15 352.65 352.65 353.33</li> <li>361.5 362.75</li> <li>369.8 370.05 371.5 Granodiorite</li> <li>375.65 Felsic Intrusive</li> <li>381.65 Granodiorite</li> <li>399.65 Granodiorite</li> </ul>	<ul> <li>amphibole matrix. UC broken &amp; LC 40 to CA</li> <li>283.53 283.56 Mafic intrusive dyklet (2 cm wide), 65 to CA.</li> <li>300.6 minor mafic shears, 65 to CA.</li> <li>352.15 352.65 Dark green, Vfg, magnetic, massive Diabase 90 to CA.</li> <li>352.65 353.33 Grey, Vfg-Fg, massive, moderately magnetic, Lamprophyred It consists of 10% brown phlogopite flakes, 10% Mg black amphibole laths, 20% white calcite-quartz nodules (up to 1 cm wide) in a Vfg calcite-amphibole matrix. LC 90 to CA</li> <li>361.5 362.75 Green Fg-Mg, sheared Chloritic Granodiorite. It consists of 40-45% red feldspar-silica elliptical fragments - phenols in a Chloritic matrix. Shearing 45 to CA. UC 45 to CA and LC 75 to CA.</li> <li>369.8 370.05 weak chlorite shearing.</li> <li>371.5 Granodiorite White, massive, Mg, homogenous, granodiorite. It is composed of 15% green to black mafic wisps &amp; 5% clear to blue quartz eyes in a beige felsic matrix.LC gradational</li> <li>375.65 Felsic Intrusive Intrusive (phase of the granodiorite).It is composed of Vfg to aphanitic matrix with local mafic stringers. The upper part (371.5-372-3) is moderately to strongly sheared with sericite wisps. Shearing is 70 to CA. From 373 to 375 m, massive with local beige carbonate clots and patch at 374.95 m. Trace to 0.5% Vfg finely disseminated pyrite. Transitional phase from 375 to 375.65 m grading from Vfg to Cg granodiorite with 10-12% dark green chlorite filled micro fractures to gashes. Lower contact gradational.</li> <li>381.65 Granodiorite Pink to white, Cg , massive granodiorite. Predominantly with patchy pink K-spar alteration. 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UC broken & LC 40 to CAA68550/3 351352.15283.53283.56Mafic intrusive dyklet (2 cm wide), 65 to CA.A685507352.15300 300.6minor mafic shears, 65 to CA.A685509353.33352.65Dark green, Vfg, magnetic, massive Diabase 90 to CA.A685509353.33352.65S3.33Grey, Vfg-Fg, massive, moderately magnetic, Lamprophyre It consists of 10% brown phlogopite flakes, 10% Mg black amphibole laths, 20% white calcite-quartz nodules (up to 1 cm wide) in a Vfg calcite-amphibole matrix. LC 90 to CAA685510361.5362.75Green Fg-Mg, sheared Chloritic Granodiorite. It consists of 40-45% red feldspar-silica elliptical fragments - phenolsA685511361.5369.8370.05weak chlorite shearing.371.5GranodioriteWhite, massive, Mg, homogenous, granodiorite. It is composed of 15% green to black mafic wisps & 5% clear to blue quartz eyes in a beige felsic matrix.LC gradational A685513A685513371.5375.65Felsic IntrusiveWhite to light grey, Vfg, sheared and massive, felsic to aphanitic matrix with local mafic stringers. The upper part (371.5-372-3) is moderately to strongly sheared with sericite wisps. Shearing is 70 to CA. From 373 to 375 m, massive with local beige carbonate clots and patch at 374.95 m. Trace to 0.5% Vfg finely disseminated pyrite. Transitional phase from 375 to 376.65 m grading from Vfg to Cg granodiorite with 10-12% dark green chlorite filled micro fractures to gashes. Lower contact gradational. A685512A685512375.65381.65GranodioriteSame as 370.5-371.5 m. Beige carbonate clots(1-2%) from 377 to 378.4 m.A68551	amphibole matrix. UC broken & LC 40 to CA. A685507 352.15 352.15 283.53 283.56 Mafic intrusive dyklet (2 cm wide), 65 to CA. A685507 352.15 352.65 300 300.6 minor mafic shears, 65 to CA. A685508 352.35 352.15 352.65 Dark green, Vfg, magnetic, massive Diabase 90 to CA. A685509 353.33 352.15 352.65 Jask green, Vfg.Fg, massive, moderately magnetic, Lamprophyre It consists of 10% brown phlogopite flakes, 10% Mg black amphibole laths, 20% white calcite-quartz nodules (up to 1 cm wide) in a Vfg calcite-amphibole matrix. LC 90 to CA A685511 361.5 362.75 Green Fg-Mg, sheared Chloritic Granodorite. It consists of 40-45% red feldspar-silica elliptical fragments - phenols in a Chloritic matrix. Shearing 45 to CA. UC 45 to CA and LC 75 to CA. weak chlorite shearing. 371.5 Granodorite Intrusive (phase of the granodiorite. It is composed of 15% green to black mafic wisps & 5% clear to blue quartz eyes in a beige felsic matrix.LC gradational A685513 371 371.5 375.65 Felsic Intrusive (phase of the granodiorite).It is composed of Vfg to aphanitic matrix with local mafic stringers. The upper part (371.5-372-3) is moderately to strongly sheared with A685517 374 375 sericite wisps. Shearing is 70 to CA. From 373 to 375 m, massive with local beige carbonate clots and patch at 374.95 m. Trace to 0.5% Vfg finely disseminated pyrite. Transitional phase from 375 to 375.65 m grading from Vfg to Cg granodiorite with 10-12% dark green chlorite filled micro fractures to gashes. Lower contact gradational. A685519 375.65 376.25 377.381.65 Granodiorite Pink to white, Cg , massive granodiorite. Predominantly with patchy pink K-spar alteration. The granodiorite is more mafic rich 25-30% chloritic amphibole phenocrysts

### HOLE: KEF1-20

### DIAMOND DRILL LOG

FROM	то	LITHOTYPE	<b>GEOLOGICAL DESCRIPTION</b> to wisps, 10% clear quartz, 60% white to pink plagioclase phenocrysts interlocked. Local dark green, aphanitic chlorite seams to bands at 65-70 to CA. Two larger bands 390.37-390.24 65 to CA and at lower contact 399.45-399.6 approx 55 to CA.	SAMPLE	FROM	то	LENGTH
399.65	510.15	Potassic Granodiorite	Red, Cg, massive, homogeneous, granodiorite. It consists of 10% white quartz phenocrysts interlocked with 20-25% dark green angular chloritic amphibole phenocrysts and 70% red to pink feldspar phenocrysts. Local white non- Kspar patches eg 413-414 m. From 462-466 m, more mafic rich 35-45% chlorite amphibole phenocrysts. Mafic intrusive (10-20% Fg-Mg, feldspar phenols in Fg amphibole matrix) xenoliths at 461.9 (4x5 cm), 462.2 (3x 5 cm), 467.33 (3x5 cm), and 503.55 (6x5 cm). Lower contact sharp 20 to CA, with gouge slip.				
	463.6 4	463.85	Dark green, Vfg, massive, non-magnetic, homogeneous soft Diabase (chlorite) dvke, UC 40 to CA & LC 30 to CA.				
	495.26 4	495.28	Reddish grey, Vfg, hard, massive, homogenous, non- magnetic hematitic Mafic dyke, 40 to CA.	A685525	509	510.15	1.15
510.15	511.05	Mafic intrusive	Green, Vfg, massive, homogenous, non-magnetic, mafic intrusive. It consists of 40% Vfg amphibole phenols interlocked with 60% feldspar & quartz phenocrysts. Lower contact sharp 35 to CA.	A685526	510.15	511.05	0.9
511.05	525	Feldspar	Green, Vfg, massive, non-magnetic,feldspar porphyritic	A685527	511.05	511.5	0.45
		Porphyritic	mafic intrusive. It consists of 12-15% white coarse	A685528	511.5	512	0.5
		Mafic	angular feldspar phenocrysts (1mm-1 cm) in a Vfg-Fg	A685529	512	513	1
		Intrusive	massive intrusive textured mafic matrix (same as(510.15 -511.05 m). Below 522.85 m weakly foliated/sheared	A685530	513	514	1
			feldspar porphyritic intrusive (5% feldpar phenos) weak	A685531	522	522.85	1
			epidotization as local bands & patches.Shearing 30 to CA	A685532	522.85	524	1
	511.67	511.7	White Vfg quartz veinlet (1 cm), 15 to CA.	A685533	524	525	1
	525 I	ЕОН	End of the hole. 76 core boxes				

End of the hole. 76 core boxes

Quality Analysis ...



### Innovative Technologies

Report No.:A20-07362Report Date:04-Aug-20Date Submitted:09-Jul-20Your Reference:West Timmins Gold

Affinity Metals Corp. 600-890 Pender Street Vancouver B.C. V6C1J9 Canada

ATTN: Rob Edwards

### CERTIFICATE OF ANALYSIS

32 Rock samples were submitted for analysis.

The following analytical package(s) were requested:	Testing Date:	
1C-OES-Timmins	QOP PGE-OES (Fire Assay ICPOES)	2020-08-04 13:43:26

### REPORT A20-07362

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D. Quality Control Coordinator

ACTIVATION LABORATORIES LTD.

1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1 TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613 E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
A1013001	< 2	< 5	< 5
A1013002	< 2	< 5	< 5
A1013003	< 2	< 5	< 5
A1013004	< 2	< 5	< 5
A1013005	< 2	< 5	< 5
A1013006	< 2	< 5	< 5
A1013007	2	< 5	< 5
A1013008	< 2	< 5	< 5
A1013009	< 2	< 5	< 5
A1013010	< 2	< 5	< 5
A1013011	8	< 5	< 5
A1013012	15	< 5	< 5
A1013013	< 2	< 5	< 5
A1013014	< 2	< 5	< 5
A1013015	3	< 5	< 5
A1013016	3	< 5	< 5
A1013017	2	< 5	< 5
A1013018	< 2	< 5	< 5
A1013019	< 2	< 5	< 5
A1013020	< 2	< 5	< 5
A1013021	< 2	< 5	< 5
A1013022	< 2	< 5	< 5
A1013023	3	< 5	< 5
A1013024	< 2	< 5	< 5
A1013025	< 2	< 5	< 5
A1013026	< 2	< 5	< 5
A1013027	< 2	< 5	< 5
A1013028	< 2	< 5	< 5
A1013029	< 2	< 5	< 5
A1013030	< 2	< 5	< 5
A1013031	2	< 5	< 5
A1013032	< 2	< 5	< 5

Analyte Symbol	Au	Pd	Pt
Unit Symbol	ppb	ppb	ppb
Lower Limit	2	5	5
Method Code	FA-ICP	FA-ICP	FA-ICP
CDN-PGMS-27 Meas	4790	2070	1320
CDN-PGMS-27 Cert	4800	2000	1290.00
CDN-PGMS-30 Meas	1890	1710	229
CDN-PGMS-30 Cert	1897.0 00	1660.0 00	223.000
A1013010 Orig	< 2	< 5	< 5
A1013010 Dup	< 2	< 5	< 5
A1013020 Orig	< 2	< 5	< 5
A1013020 Dup	2	< 5	< 5
A1013030 Orig	< 2	< 5	< 5
A1013030 Dup	< 2	< 5	< 5
Method Blank	< 2	< 5	< 5
Method Blank	< 2	< 5	< 5

### **References**

A.G. Choudhry, "Precambrian Geology of Keefer Township, Cochrane District", Ontario Geological Survey, Map 2500, Geological Series – Preliminary Map, Scale 1:15840 or 1 inch to 1 mile, 1982. Geology1981. (Property Geology Map)

W.D. Harding and L.G. Berry, "Geology of the Keefer-Eldorado Area", Ont. Dept of Mines, Vol. XLVII, Part IV, 1938. (Property Geology Map).

Brian Atkinson P.Geo, Regional Resident Geologist, Porcupine Division, Timmin's Ontario



# Moon Energy Corp Property (Keefer North)

Keefer and Denton Townships

Property Location Map

Figure 1







446

Star Lake Road



	<del>,</del> <del>,</del> <del>,</del>	<b>Property Outline</b>
Water Body		300919
O O		
550		Report Claim
4 4 4		
		Logging Road Network
	5353400	
	5353300	
	5353200	
	200200	maeeivo
	5353100b	pillowed
	С	heterolithic breccia
	5353000	a plottle granite to granoulonte
		LEGEND
	5352900	E Diebeee
		<ul> <li>5 Diabase</li> <li>4 Felsic Intrusive</li> <li>3 Sediments</li> </ul>
	5352800	a Banded Iron Formation b Interflow Volcanoclastiss 2 Intermediate to Felsic Volcanics
	5252700	1 Mafic Volcanics
e Birch Jost	5352700	
	5352600	Modifiers
		bx Breccia amy Amygdaloidal cb Carbonatized
	5352500	cht Cherty fol Weakly to moderately foliated Fol Highly foliated
		qcsQuartz-Carbonate stringersQVQuartz VeinpyPyrite
	5352400	sh weakly to moderately sheared SH Strongly sheared v Vesicular
		Tr Trench Splay Fault sib Survey Iron Bar
	5352300	
	5352200	FROM NORTH-SOUTH GRID
		FROM NORTH-SOUTH GRID
	5352100	Symbols
		JfJ□ 3-947843 4-947846Claim Post with tag numbers
ission Line	5352000	<ul> <li>I"sib</li> <li>Tr</li> <li>Trench</li> </ul>
		Claim Line
	5351900	Foliation (inclined, vertical, unknown)
	5351800	Drill Hole
	5351700	KEF1-20
		5352300
	5351600	444500
	ΝΛ~	n Ennray Carn
		JILIEIGY JUP
455 6 6	K	Ceefer Stargate Project
く へ	Induced	Drill Plan Location
	Drawing: Keefer Stargate I	Drill Plan Date: Feb 10/2020
	Drawn By: Glenn Galata	Scale: 1:2400 Mining Division: Porcupine
	Project: Keefer Stargate	Program Date: June 3-9, 2020

![](_page_23_Picture_0.jpeg)

## Moon Energy Corp

Foundation Canada

### Drill Hole Section

198.8m – 198.8m

(Keefer Stargate Project) Felsic Intrusive

![](_page_23_Figure_6.jpeg)