Aberfoyle Resources Limited
EXPLORATION DIVISION

DIAMOND DRILL LOG

PROJECT : BASIN LAKE

PROSPECT: LAKE SELINA

HOLE NO: LSIC
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LOGGED: MAG
DATE: APRIL

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS
301											RGC EOH 302.5m 0-302.5m logged by RGC 0-302.5m relogged by Billion
302				302.5m							
303	565839		Highly Altered Rock	Highly altered (Se Cl Py Si) green to cm green pyritic rock.	Intense Se, Py, Cl, Si alteration. Alternating Cl/Py dominated bands (Shear induced?) <1-3m.	Minor, dominantly cleavage parallel cl, Py, cPy veinlets.	Abundant Py, 5-30% per m trace cPy <<1%	Well foliated/cleaved 40° to CA.			
304						303.8 1cm Qz vein - poor definition	Py coarse, diss to globular commonly layered recesses.	Foliation defined by alternating Py/Cl dominated laminae.			
305							Near massive (60% plus) commonly fractured Py bands at 303.0-303.2m, 304.4-304.5m, 312.79-312.82m.	Minor jointing/ shearing ~20° to CA eg 304.5m, 306.4m.			
306							cPy dominantly in cleavage parallel veinlets. However, rare blebs and partial coronas around Py				
307				307.6 Rock pale pink to orange in colour grad. contact	307.6 Possible zone of potassic alteration						
307.6											
308				grad. contact							
309				308.9	308.9						
310	565840										
311											
312											
313				313.06m							
313.06			Highly Altered Rock	Highly altered (Cl, Py, Mt) dk gn-pyritic rock.	Intense Cl Py Mt alteration	Rare thin cPy, Py, mt veinlets parallel to cleavage ~40° CA	Globular to diss. Py 30% Fine gn. Mt ~10% and trace (<<1%) cPy	Strongly cleaved ∠ 30-40° CA.	0		-313.80-313.95m 50% globular Py -313.24m Petrology Sample
314	565841										
315				315.50m				Lower + Upper contacts gradational over ~20cm			
316			Highly Altered Rock	Highly altered (Se, Si, Py, Cl), pl. green Py rock, with coarse Cl cleavage parallel patches.	Intense Py Se Cl alteration Mod Si	Rare thin cPy, Py cleavage parallel veinlets ~40° CA.	Globular to diss py 25%	Strong cleavage ∠ 30-40° CA			
317	565842			317.5			316.75 10cm near massive Py Common (~6) thin (1cm) globular Py bands + diss py.				
318					Intense Se, Si alteration Moderate Py Cl alteration. Py decreasing down hole. Cl forming large, cleavage parallel blebs.		Globular to diss py 5%				
319											
319.5											
320							320				
321							Py 3%				

DEPTH

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DIAMOND DRILL LOG

PROJECT: Basin Lake

PROSPECT: Lake Selina

HOLE NO: LSIC

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DEPTH	DRILL RUNS (Geochem sample no.)	CORE LOSS	ROCK NAME	DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS
322–324.40	565843			As above	as above	As above	As above Py 2%	Strong Cleavage ∠45° to CA.			
324.40–324.68					324.40		324.40 Near Massive Py band ~60% Py 324.68				
324.68–330.5	565844				Intense Se Si alteration Moderate Cl alteration Weak Py alteration	?	Diss to globular Py < 2%	∠45° to CA.			
330.5–336	565845					Rock becoming fragmented? Abundant Quartz veins.	1% Py				
336.6m				10cm massive Qz Co vein/FAULT				FAULT 40° to CA			
336.6–340.3	565846		Highly Altered Volcaniclastic	Strongly altered (Mt Cl) dk medium grained volcaniclastic, fd phyric	Intense Mt Cl Weak Py Se Mt Cl alteration < down hole	Rare py veinlets	Fine grained Mt << 1% Diss + veinlet py << 1% weakly magnetic	Strong Cleavage ∠40° to CA			
340.3				340.3	Grad. Cont.		Grad. contact				
340.3–342			Altered Volcaniclastic	Dk. med gr Dacitic? volcaniclastic, fd (Qz?) phyric with common fine grained volcanic ss to sh interbeds, graded in places.	Moderate Cl alteration patchy weak Mt		Diss + veinlet py <<1%, rare globules	∠35° to CA.			

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DIAMOND DRILL LOG

PROJECT : BASIN LAKE

PROSPECT: LAKE SELINA

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS
343			Volcaniclastic			As above	As above	As above			
344								343.6 Graded bed?, fining up hole.			Facing up hole
345											
346											
347											
348							minor glomero-diss py patchy trace cpy				
349											
350											
351	565842										
352								Strong cleavage 50° to CA			
353											
354				354.00							
355			Pegmatoid	orange-brown Qz fd pegmatoid crosscut by common Qz Cl veins and Py veinlets		Common thin Qz Cl veins 10°-80° to CA. Minor Py veinlets PEGMATOID VEIN	Py veinlets + diss << 1%				
356				356.5							
357			Altered Volcaniclastic?	Dk, well foliated Cl rock with common 5mm silica "spheroids" and se patches. fd phyric towards base.	Strong Cl Se alteration weak Py	Rare cleavage parallel Py veinlets	Diss + veinlet Py << 1%	Mod. Cleavage 55° to CA			
358											
359											
360	565868										
361											
362											
363											

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DIAMOND DRILL LOG

PROJECT: BASIN LAKE

PROSPECT: LAKE SELINA

HOLE NO: LSIC

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DATE: APRIL

DEPTH	DRILL RUNS (Geochem sample No.)	CORE LOSS	ROCK NAME	DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS
364											
365								Moderate Cleavage 60° to CA.			
366											
367											
368											
369											
370	565849										
371											
372											
373											
374				Becoming fd ph.							
375								Weak cleavage 45° to CA			
376											
377											
378								378.0m 10cm zone of mod shearing 45° to CA.			
379								378.7m 15cm zone of moderate shearing 45° to CA.			
380				Grad Contact							
380	565850		Dacitic Volcaniclastic	Dk. med gr. Dlv. fd Q phyric, with dk fine gr cleavage parallel laminae	Mod. Cl se alteration		Diss + cleavage parallel py veinlets << 1%	Strong Cleavage			
381											
382								50° to CA.			
383											
383.5				Brn Qz fd volcan clastic (as above)	Poss zone of leaching						
384											

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
385				as above ↓ 385.5 Dk Dacitic volcaniclastic ag ft phyric	Pass. Zone of leaching Weak Cl Se alteration to Mod ↓	↓	↓	Moderate Cleavage @ 60° to CA			END OF HOLE 388.5m	
386												
388												
3												

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