

Lac La Hache Mt. Timothy Project

Hole: AZS09-11

Field Log: 2009/06/01

Northing: 5757791

Easting: 618123

Elevation: 1382 m

Area: Aurizon South

Length: 520.9 m

Azimuth: 270.0°

Dip: -60.50°

Logged By: SGG

Project: LAC LA HACHE**Hole Number: AZS09-11**

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
0.00	11.00	Casing						
11.00	272.30	<p>Volcanic Extrusive</p> <p>Medium grain, medium gray- green, variable amounts of blotchy epidote alteration. Disseminated magnetite, feldspathic metasomatic feldspar and epidote alteration. Disseminated magnetite in places altered to specularite with some fine grain NC. Red hematite alteration on shear fractures.</p> <p>20 Pinkish/Orange k-spar alteration with interstitial NC.</p> <p>20.4 - 24 Broken with red hematite alteration</p> <p>45 Calcite epidote dark green chlorite stress alteration 30°, gray volcanics showing increase in biotite/chlorite hornfels alteration with some fine strands of magnetite parallel to CA, with variable epidote 20-60°.</p> <p>« 60.00- 61.00 Monzonite Dyke » 60cm medium grain pinkish orange grey</p> <p>45° hornblende chlorite alteration with fine specks of NC, including 1 - 3cm sharp angular volcanic clasts.</p> <p>60.6 25cm dark green medium grain light green pyroxenite crystals with NC at contact, trace chalcopyrite and pyrite.</p> <p>78 - 81 Broken, shear 30°, blacky green chlorite and epidote alteration.</p> <p>80.7 15cm dark green chlorite epidote alteration with magnetite altered to specularite with fine specks of NC.</p> <p>82 Core medium grain, medium gray green variegated epidote alteration at 20 - 30°, weakly magnetic, some 20cm epidote blotches, hornfelsing biotite to minor sericite, overall metasomatic alteration of volcanic andesite gives a diorite appearance.</p> <p>105.7 1 - 1.5cm pinkish k-spar dykelet with specks of bornite and gray sectile chalcocite.</p> <p>112.5 90cm dark green medium grain pyroxenite dyke.</p>						

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		<p>114 40cm epidote with dark green chlorite, weak tremalite with calcite 30° trace pyrrhotite and chalcopyrite.</p> <p>116.3 5cm black chlorite/hematite/calcite 40° with fine specks of NC.</p> <p>138.8 Shearing with 2cm quartz carbonate hematite dark chlorite vein 20-30° « 139.00- 140.00 Fault zone » Rubble, epidote altered.</p> <p>142.5 40cm shear with calcite/epidote/dark chlorite 30°</p> <p>143.5 30cm fault rubble. « 152.50- 155.40 Fault zone » 30° epidote/chlorite fault rubble.</p> <p>169.8 - 172 Calcite/chlorite/feldspar alteration with trace pyrite chalcopyrite with weak hematite red stain.</p> <p>200.5 5cm calcite/chlorite/feldspar shear 5% pyrite chalcopyrite.</p> <p>203.3 - 203.6 Chlorite/calcite shear 30°</p> <p>203.6 1cm black magnetite vein with chalcopyrite 30°</p> <p>206.3 70 cm coarse grain biotite, feldspar and moderately strong magnetic susceptibility.</p> <p>214 - 234 Medium grain, dark bluey grey with stronger biotite/chlorite alteration, moderately magnetic, epidote blotching and banding 5cm, with minor whitish feldspar seamlets.</p> <p>234.3 20cm pinkish gray monzonite dyke with minor sulphide specks. General increase in monzonite 5 - 10cm dykelets, bands and blotches of epidote 30°.</p> <p>250.5 - 253 Broken strong epidote/calcite and dark green chlorite alteration with weak saussurization of feldspar.</p> <p>262 - 263 Red hematite calcite chlorite on shear fractures.</p> <p>271.1 Calcite crackle texture 15°</p> <p>272.30 300.00 Hybrid Monzonite/Volcanics Volcanic become highly metamorphosed and mixed with brownish orange to light grayish monzonite dykes with variable saussurization. Epidote alteration and increase in blotchy magnetite crystals. Mixed monzonite increases down hole.</p> <p>286.4 Minor bright orange k-spar blotches and paler pinkish monzonite with epidote and minor amber garnet.</p>						

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		297.5 Increase in light color aphanitic texture feldspars and albite, some saussurization and 1 - 2mm magnetite seamlets. Traces of sulphides.						
300.00	387.00	Monzonite Gray	374.00	377.00	247301	3.00	0.01	0.03
		Medium grain, dark to light gray, hornblende with chlorite alteration,	377.00	380.00	247302	3.00	0.01	0.00
		moderately magnetic, core becomes more altered with dark green chlorite with	380.00	383.00	247303	3.00	0.02	0.00
		redish brown feldspar and red hematite alteration 30°.	383.00	386.00	247305	3.00	0.01	0.00
		320.9 Shear calcite/hematite/chlorite 45° with occasional specks pyrite and chalcopyrite.						
		« 326.80- 330.70 Andesite-dyke » Medium gray green, finer grain some						
		browny feldspar alteration with epidote, trace pyrite.						
		333.2 Weakly albitized, speck NC?						
		337 Weak saussurization with epidote and k-spar						
		256.8 10cm dacite dyke, epidote k-spar altered.						
		« 359.00- 360.00 Dacite dyke » Fine grain medium gray epidote alteration						
		on contacts 30°						
		368 50 cm dark green andesite xenolith						
		373 1cm amber garnet alteration with epidote and chlorite.						
		375 Strong increase hematite/calcite/chlorite alteration with seamlets of						
		whitish calcite and pale green chlorite.						
			386.00	388.00	247306	2.00	0.01	0.00
387.00	495.90	Monzonite Orange	388.00	390.00	247307	2.00	0.01	0.03
		Medium grain, orange/gray with feldspar alteration. Dark green hornblende with	390.00	392.00	247308	2.00	0.01	0.03
		chlorite alteration. Orange k-spar alteration with saussurization.	392.00	394.00	247309	2.00	0.13	0.15
		Disseminated magnetite altered to hematite with calcite/epidote variable	394.00	397.00	247310	3.00	0.00	0.03
		alteration.	397.00	400.00	247311	3.00	0.00	0.05
		« 392.00- 392.50 Bn » White to pinkish	400.00	403.00	247312	3.00	0.01	0.03
		feldspar/calcite/hematite with 0.5						
		to 1cm blotches bornite, chalcocite and chalcopyrite.	403.00	406.00	247313	3.00	0.01	0.00
		« 393.0- 394.00 Fault zone » Narrow 5cm kaolinite/alunite	406.00	409.00	247315	3.00	0.01	0.00
		alteration 45°						
		and cuts off mineralization.	409.00	412.00	247316	3.00	0.01	0.00
		Saussurization of orange monzonite, a 3cm epidote blotch.	412.00	415.00	247317	3.00	0.01	0.00
		397.9 3cm magnetite clast semi altered to hematite.	415.00	418.00	247318	3.00	0.03	0.00
		400.1 1 - 2cm seam of dark chlorite/magnetite altered to specularite 5°	418.00	421.00	247319	3.00	0.03	0.06
		« 403.30- 405.00 Andesite-dyke » Dark green non magnetic	421.00	424.00	247320	3.00	0.03	0.04

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
		white						
		vesicules	424.00	427.00	247321	3.00	0.01	0.00
		410.8 - 412 Variagated carbonate 0.5cm seamlets with micro brecciation of the	427.00	430.00	247322	3.00	0.03	0.13
		orange monzonite, chlorite/hematite alteration.	430.00	433.00	247324	3.00	0.01	0.04
		416 Increase in dark chlorite/epidote alteration which gives the orange	433.00	436.00	247325	3.00	0.09	0.51
		monzonite a mottled green texture. Trace chalcopyrite, specularite crystals,	436.00	439.00	247348	3.00	0.23	0.91
		and flaky native copper looking hematite (copper clad hematite) in the dark	439.00	442.00	247349	3.00	0.07	0.35
		chlorite.	442.00	445.00	247350	3.00	0.05	0.36
		418 - 419 1 - 2cm calcite seamlets 10°	445.00	448.00	247326	3.00	0.00	0.36
		422 - 425 Broken with hematite/calcite/chlorite alteration	448.00	451.00	247327	3.00	0.00	0.64
		430 Increase in alunization of the feldspar with calcite crackle texture and	451.00	454.00	247328	3.00	0.00	0.64
		muddy green chlorite alteration in seams 10°, traces pyrite and chalcopyrite	454.00	457.00	247329	3.00	0.00	0.15
		red hematite blush overprint from specularite crystals.	457.00	460.00	247330	3.00	0.14	0.12
		433.9 1 - 2cm kaolinite/chlorite seam 10°	460.00	463.00	247331	3.00	0.04	0.29
		436 1 - 2cm Specularite/dark chlorite seam 40 cm long 10 with stronger	463.00	466.00	247333	3.00	0.10	0.14
		kaolinite alteration.	466.00	469.00	247334	3.00	0.01	0.07
		437 Darker angular fragments encased in calcite chloite shear alteration with	469.00	472.00	247335	3.00	0.02	0.12
		minor pyrite and chalcopyrite.						
		« 438.00- 446.00 Fault zone »						
		« 439.00- 446.00 Dacite dyke » Fine grain light green, non magnetic.						
		445 - 469.8 Orange monzonite broken, criss cross alunite/kaolinite alteration						
		strong specularite dark chlorite as irregular seams, minor spotty splashes						
		chalcopyrite to 1cm some as triangular fragments, red hematite alteration, non						
		magnetic.						
		« 446.00- 468.00 Cpy »						
		« 469.80- 475.00 Fault Breccia » kaolinized						
		« 475.00- 495.90 Dacite dyke » Fine grain, light green highly altered,						
		contact shallow contact 10° or less.						
			495.00	498.90	247336	3.90	0.18	0.92
495.90	519.00	Hydrothermal Breccia	498.90	501.40	247337	2.50	0.04	0.13
		Hydrothermally brecciated monzonite, varying from crackle breccia to framework	501.40	503.40	247338	2.00	0.05	0.26

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
		<i>supported with black magneite/hematite/epidote as matrix.</i>	503.40	505.40	247339	2.00	0.04	0.10
		<i>Spotty chalcopyrite</i>						
		<i>in the magnetite.</i>	505.40	507.40	247340	2.00	0.04	0.20
		« 497.00- 498.90 Cpy »	507.40	509.40	247341	2.00	0.10	0.39
			509.40	511.40	247342	2.00	0.06	0.11
			511.40	513.40	247343	2.00	0.21	0.67
			513.40	515.40	247344	2.00	0.00	0.00
			515.40	517.40	247346	2.00	0.29	0.61
519.00	519.00	EOH						