

Lac La Hache Mt. Timothy Project

Hole: AZS09-13

Field Log: 2009/06/09

Northing: 5757816

Easting: 618090

Elevation: 1375 m

Area: Aurizon South

Length: 424.3 m

Azimuth: 270.0°

Dip: -61.00°

Logged By: SGG

**Project: LAC LA HACHE****Hole Number: AZS09-13**

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
0.00	8.90	Casing						
8.90	270.60	<b>Volcanic Extrusive</b> <i>Medium grain, gray green, variable amounts of blotchy and varigated epidote alteration, moderately magnetic, metasomatized feldspar/epidote alteration with hematite alteration of disseminated magnetite, traces of NC replacing hematite.</i> <i>Light color feldspar seamlets at 30°</i> <i>63 - 70 Broken, increase in darker orange feldspar seamlets with brown biotite, trace NC, dark chlorite alteration on fractures.</i> <i>82 Andesite volcanics becoming intensely metasomatized with k-spar, biotite alteration, has a more of a diorite look.</i> <i>91.2 Stronger feldspar/epidote alteration, has a semi breccia look of gray monzonite clasts, alteration 30° moderately magnetic.</i> <i>101 Core looks almost like a strongly metamorphosed fine grain gray monzonite tuff as a medium grain diorite.</i> <i>« 105.00- 106.00 Fault zone » weak fault zone with a 1cm carbonate hematite chlorite vein 30°cm</i> <i>113.2 4cm dark chlorite/epidote/hematite shear 20°</i> <i>« 115.00- 116.00 Fault zone » Broken chlorite hematite rubble. Core continues moderately magnetic varigated epidote with minor white feldspar seamlets.</i> <i>« 125.00- 126.00 Fault zone » 40cm albite carbonate chlorite hematite shear mud, trace pyrite and chalcopyrite, and bornite, increasing epdite with minor orange k-spar.</i> <i>145 light orange monzonite injection dyke with sharp angle shards, 20°.</i> <i>149 - 149.9 Shear breccia 20°, chlorite/hematite/albite?, trace pyrite chalopyrite. Increasing epidote feldspar alteration with some</i>						

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
		<p>criss -cross thin carbonate fracture fillings. 169.5 - 170.5 Monzonite dyke medium grain orange/gray, 30° 176.5 20cm albite/chlorite/carbonate shear filling. 182 20cm epidote alteration, trace chalcopyrite and bornite 30° 194 40cm orange gray medium grain monzonite with epidote k-spar alteration. 203.4 - 203.9 50cm epid/dark chlorite/hem/magn alteration 30° calcite on contact. « 203.90- 205.70 Monzonite Dyke » Medium grain light orange pink monzonite dyke, sharp 30° upper and lower contacts, minor black accidentals, weakly magnetic. 213 5cm calcite/chlorite seam 45° « 224.90- 226.90 Fault zone » Dark chlorite epidote/calcite/hematite with feldspar alteration 15 - 30°. 248.4 20cm orange monzonite dykelet 249.1 30cm orange monzonite dykelet « 258.40- 260.70 Monzonite Dyke » « 265.00- 270.60 Fault zone » Broken chlorite/calcite/hematite with chlorite gouge form 269 - 270.6</p>						
<b>270.60</b>	<b>286.00</b>	<b>Monzonite Orange</b>	282.00	285.00	8R247601	3.00	<b>0.00</b>	<b>0.29</b>
			285.00	288.00	8R247602	3.00	<b>0.06</b>	<b>1.29</b>
		<p>Medium grain, orange/gray with feldspar alteration. Dark green hornblende with chlorite alteration. Trace sulphides with strong hematite orange stain, black chlorite on 30° fractures. « 277.70- 282.00 Andesite-dyke » Dark green fine grain, non magnetic. 282 Strong calcite alteration as seams with hematite and blotchy dark green chlorite, non magnetic, sections of weak albitization, 15 - 30°</p>						
<b>286.00</b>	<b>300.00</b>	<b>Monzonite Gray</b>	288.00	291.00	8R247603	3.00	<b>0.01</b>	<b>0.13</b>
		Medium grain, dark to light gray, hornblende with chlorite alteration. Medium lath development disseminated magnetite with biotite, variegated with orange feldspar alteration.	291.00	294.00	8R247604	3.00	<b>0.00</b>	<b>0.18</b>
			294.00	297.00	8R247605	3.00	<b>0.00</b>	<b>0.17</b>
			297.00	300.00	8R247607	3.00	<b>0.01</b>	<b>0.00</b>
		291 - 293 0.5cm red feldspar seams 2cm apart 40° with increase in specularite..						
<b>300.00</b>	<b>316.00</b>	<b>Monzonite Orange</b>	300.00	302.00	8R247608	2.00	<b>0.00</b>	<b>0.00</b>

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
		<i>Pinkish orange alteration with sections of darker less altered orange</i>	302.00	304.00	8R247609	2.00	0.00	0.07
		<i>monzonite, minor saussurization, epidote, k-spar and specularite.</i>	304.00	306.00	8R247610	2.00	0.01	0.06
		<i>306 Epidote chlorite alteration with trace pyrite, chalcopyrite and a speck</i>	306.00	308.00	8R247611	2.00	0.01	0.10
		<i>of bornite.</i>	308.00	310.00	8R247612	2.00	0.06	0.33
		<i>308.1 Dark specularite matrix with albite clasts similar to AZS08-07 over</i>	310.00	312.00	8R247613	2.00	0.15	0.96
		<i>70cm</i>	312.00	314.00	8R247614	2.00	0.01	0.03
		<i>308.9 - 311.5 calcite/albite with vuggy calcite, trace chalcopyrite, pyrite.</i>	314.00	316.00	8R247615	2.00	0.01	0.04
		« 308.00- 311.50 Albite »						
		« 311.50- 312.50 Fault Breccia » Calcite healed fragmental breccia.						
		« 312.50- 316.00 Dacite dyke » Fine grain olive green non magnetic.						
<b>316.00</b>	<b>360.00</b>	<b>Hydrothermal Breccia</b>	316.00	318.00	8R247617	2.00	0.00	0.00
		<i>Stong albite with specularite/hematite/dark chlorite matrix some chalcopyrite</i>	318.00	320.00	8R247618	2.00	0.00	0.19
		<i>and pyrite.</i>	320.00	322.00	8R247619	2.00	0.00	0.08
		« 339.00- 341.00 Dacite dyke »	322.00	324.00	8R247620	2.00	0.03	0.25
		<i>341.7 - 344 Orange altered monzonite with calcite and hematite</i>	324.00	326.00	8R247621	2.00	0.10	0.62
		« 355.00- 347.00 Dacite dyke »	326.00	328.00	8R247622	2.00	0.03	0.23
		<i>347 Variable bleaching with albite/specularite/chlorite with chalcopyrite and</i>	328.00	330.00	8R247623	2.00	0.02	0.09
		<i>pyrite to 1% overall.</i>	330.00	332.00	8R247625	2.00	0.00	0.09
			332.00	334.00	8R247626	2.00	0.02	0.29
			334.00	336.00	8R247627	2.00	0.09	0.07
			336.00	338.00	8R247628	2.00	0.01	0.10
			338.00	340.00	8R247629	2.00	0.14	0.18
			340.00	342.00	8R247630	2.00	0.03	0.04
			342.00	344.00	8R247631	2.00	0.36	1.72
			344.00	346.00	8R247632	2.00	0.01	0.00
			346.00	348.00	8R247633	2.00	0.12	0.30
			348.00	350.00	8R247635	2.00	0.34	0.54
			350.00	352.00	8R247636	2.00	0.14	0.69
			352.00	354.00	8R247637	2.00	0.12	0.30
			354.00	356.00	8R247638	2.00	0.05	0.20
			356.00	358.00	8R247639	2.00	0.06	0.13
			358.00	360.00	8R247640	2.00	0.20	1.07
<b>360.00</b>	<b>400.00</b>	<b>Monzonite Orange</b>	360.00	362.00	8R247641	2.00	0.01	0.07
		<i>Variable chlorite/hematite seams in a mixed light to dark rusty orange medium</i>	362.00	364.00	8R247642	2.00	0.00	0.07
		<i>grain core and disseminated specularite crystals, minor chalcopyrite and</i>	364.00	366.00	8R247643	2.00	0.00	0.06
		<i>pyrite.</i>	366.00	368.00	8R247645	2.00	0.01	0.07

From	To	Rocktype & Description	From	To	Sample	Width	Cu %	Au g/t
		« 373.00- 379.00 Fault zone » Intense kaolinized with calcite/chlorite and hematite alteration.	368.00	370.00	8R247646	2.00	0.00	0.04
		384 - 400 Box work and crackle texture calcite/chlorite alteration with disseminated specularite, chalcopryrite with the chlorite epidote alteration and pyrite in thin epidote fractures, albite and red hematite alteration.	370.00	372.00	8R247647	2.00	0.03	0.12
			372.00	374.00	8R247648	2.00	0.00	0.11
			374.00	376.00	8R247649	2.00	0.00	0.10
			376.00	378.00	8R247650	2.00	0.02	0.10
			378.00	380.00	8R247651	2.00	0.00	0.05
			380.00	382.00	8R247652	2.00	0.00	0.00
			382.00	384.00	8R247653	2.00	0.00	0.09
			384.00	386.00	8R247654	2.00	0.00	0.08
			386.00	388.00	8R247655	2.00	0.14	0.27
			388.00	390.00	8R247656	2.00	0.00	0.00
			390.00	392.00	8R247657	2.00	0.02	0.00
			392.00	394.00	8R247658	2.00	0.03	0.00
			394.00	396.00	8R247659	2.00	0.07	0.06
			396.00	398.00	8R247660	2.00	0.01	0.00
			398.00	400.00	8R247661	2.00	0.00	0.04
		<b>400.00 421.10 Monzonite Gray</b>	400.00	402.00	8R247662	2.00	0.00	0.00
		Medium grain, dark to light gray, hornblende with chlorite alteration.	402.00	404.00	8R247664	2.00	0.01	0.13
		Decreasing orange feldspar alteration.	404.00	406.00	8R247665	2.00	0.00	0.05
		« 413.00- 417.60 Andesite Xenolith » Medium green and medium grain variable epidote alteration, strongly magnetic; may be highly altered volcanic as in upper part of hole, lower contact altered 40°.	406.00	408.00	8R247666	2.00	0.00	0.12
		417.6 - 418.4 Light colored monzonite.	408.00	410.00	8R247667	2.00	0.01	0.06
		« 418.40- 421.10 Andesite » Xenolith part of above unit						
		421.1 - 424.3 Pinkish altered monzonite with 1cm (423.8) 30° albite chlorite with amber garnet and chalcopryrite.						
		<b>421.10 424.30 Monzonite Orange</b>						
		421.1 - 424.3 Pinkish altered monzonite with 1cm (423.8) 30° albite chlorite with amber garnet and chalcopryrite.						
		<b>424.30 424.30 EOH 424.3</b>						