

AMAX EXPLORATION, INC.

SUBSIDIARY OF AMAX INC.

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July 28, 1982

Mr. Ben Donegan
Leonard Resources
3202 Candelaria N/E
Albuquerque, New Mexico 87107

RE: Drill Hole NXBM-6 Data Transmittal,
Bald Mountain Prospect, Grant County,
New Mexico.

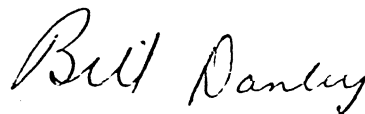
Dear Ben:

Enclosed is the data which we have on rotary drill hole NXBM-6 on the Bald Mountain Project, Grant County, New Mexico. I have examined, but not logged the cuttings between 1270 and 1328 ft. The chips are similar to cuttings classified as Sugarlump Tuff above. I suspect the hole has been terminated close to the contact between Sugarlump and Rubio Peak Formations.

If I can be of further assistance, please give me a call.

I hope you can find someone to deepen the hole to pre-mineral rock.

Sincerely,



Bill Danley

WMD:nlj

Enc.

AMAX EXPLORATION
GEOLOGIC LOG

Scale:

Direction	Notes by W.M. [unclear]	Location
Inclination 30°	Depth	Collar coord. N. E.
Started	Hole No. 111P-6	Collar Elev.
Completed	Property Bull Mountain, Grant Co. N.M.	Sheet 1 of

ROCK TYPE	ALTERATION	LOG	STRUCTURE & MINERALIZATION	%	CORE ASSAY		
					REC	Core Run	
0-295'; Gila	Conglomerate		0-330' Gila Conglomerate				
Principally comprised of clasts of Precambrian Burro Mountain granite w/ minor amounts of Laramide gtz monz. Biot and pyrite in the clasts are oxidized and give the unit a general brownish color.							
295-330';	Ferruginous Gila Conglomerate						
Similar to previously described unit except that this unit is cemented w/ hematite.							
330-450';	Gray Welded Tuff		330-450' Kneeling Nun Formation				
Possible Kneeling Nun Formation. Gray very fine grained welded tuff of latite to rhyolite composition. Moderately kaolinized but produces numerous chips 1-2 cm diam. Numerous brown lithic frags $\pm$ 1mm diam in tuff matrix.							
330-380'	Pinkish gray color - weathered (?)						
380-450	Gray						
450-470';	Welded Tuff		450 - Sugarlump Formation				
Pink welded tuff; Very fine-grained, latite to rhyolite composition. Soft, moderately kaolinized.							
470-560';	Welded Tuff						
White welded tuff; Very fine-grained, soft kaolinized matrix surrounding few (3-5%) salmon colored rhyolite lithic fragments up to 5mm diam. 1-2% biot in tuff matrix.							

Direction		Notes by		Location	
Inclination		Depth		Collar coord. N. E	
Started		Hole No. NXP-116		Collar Elev.	
Completed		Property		Sheet 2 of	
ROCK TYPE	ALTERATION	LOT	STRUCTURE & MINERALIZATION	% REC	CORE ASSAYS
				Core Run	
560-600; Welded Tuff					
Mixed gray, white, and pink welded tuff, mixture of the two previously described units, i.e. 450-470' & 470-560'.					
600-650; Welded Tuff					
White welded tuff; similar to 470-560' except bears $\pm 20\%$ flow banded pink rhyolite lithic clasts.					
650-760; Sandy Tuff					
White, fine-grained clastic tuff, comprised of fine-grained quartz (crystal) and lithic clasts. Moderately indurated. Soft kaolinized matrix, 2-3% biot.					
760-790; Sandy Tuff					
Gray sandy tuff similar to interval 650-760 except color change					
790-840; Welded Tuff					
White welded tuff; Very fine-grained latite to rhyolite, 1-2% biot phenos. Moderately hard and only partially kaolinized					
840-960; Tuff					
Mixed white and pink tuff; Very fine-grained white kaolinized tuff matrix w/ mixed pink kaolinized lithic clasts and few gray and pink rhyolite clasts.					

Scale:

Direction	Notes by	Location
Inclination	Depth	Collar coord. N. E
Started	Hole No. <i>NXPm-6</i>	Collar Elev.
Completed	Property	Sheet <i>3</i> of

ROCK TYPE		ALTERATION	LOT	STRUCTURE & MINERALIZATION	%	CORE ASSAYS	
					REC	Core Run	
960-1000'		Welded Tuff					
Mixed gray and pink welded Tuff. Very fine grained clasts of weakly kaolinized olive gray tuff and pink rhyolite. 3-4% Crystal (quartz) clasts.							
1000-1270'		Welded Tuff					
Mixed gray and pink welded tuff. As previous except gray and not olive gray matrix. Moderately kaolinized matrix.							
At 1020' changed from Air to mud; Thus much finer sample and harder to distinguish lithologies.							
1270' end of 1980 work							
During 1981 Assessment drilling this hole was deepened to 1328'							

AMAX EXPLORATION

GEOLOGIC LOG

Scale:

Direction	Notes by	Location
Inclination	Depth 1330'	Collar coord. N. E.
Started	Hole No. NXB-6	Collar Elev.
Completed	Property	Sheet 1 of 2

ROCK TYPE	ALTERATION	%	STRUCTURE & MINERALIZATION	CORE ASSAYS			
				REC	Core Run		
265	dark orange jasperoid with hematite stain blue-green clay and tuffaceous jasperoid very dry this is a clay shale black clay usually white center yellow to light gray jasperoid black clay orange clay hematite nodules (Cuttings which filled hole from last drilling)	5%					
1270	Drilling Begins white to cream tuff white clay gray to black in center and white to brown orange jasperoid yellow to red sandy clay with white veins blue-green clay black clay white center, nonporous	Drilling rate 20 ft/hr quite full of nodules 10% 20% 10% 15% 25% 10%					
1273	white to light gray clay loose, soft, sandy and friable blue-green clay nonporous pink to reddish gray clay black clay w/ white center yellow-brown orange tuff white jasperoid	30% 30% 10% 15% 10% 5%					
1783	Removal of cuttings						
1276	blue green clay white granules of jasperoid yellow to brown orange siliceous tuff pink to reddish clay black clay w/ white center usually pinky soft light gray clay	20% 15% 20% 15% 10% 10% 10%					
		75					

GEOLOGIC LOG

Scale:

Direction	Notes by	Location
Inclination	Depth	Collar coord. N. E.
Started	Hole No.	Collar Elev.
Completed	Property	Sheet 2 of 2

	ROCK TYPE	ALTERATION	S	STRUCTURE & MINERALIZATION	%	CORE ASSAY		
						REC	Core Run	
1238	red clay wet			40%				
	blue green clay			25%	(Red clay appeared between 1290 and 1293)			
	dry silty			15%				
	burnt orange to yellow silty tuff			10%				
	blue clay dry			22%				
	pink to red clay			10%				
1298	very dry							
	blue green clay			30%	(10% is varying clay white silty tuff)			
	red clay			30%				
	very wet and loose							
	dark purple brown							
	dissected							
	pink clay	hematite staining		10%				
	dry							
	black clay with			10%				
	dry white center							
	yellow to burnt orange			5%				
	dissected tuff			10%				
	gray jasperoid							
	minor silty greenish							
1308	blue green clay	minor hematite veins		25%				
	dry			20%				
	pink to red clay							
	dry			15%				
	red clay			15%				
	black clay			10%				
	gray jasperoid			5%				
	yellow to burnt orange							
	dissected tuff							
318	blue green clay (dry)	minor hematite veins		30%				
	lt pink to red clay (dry)			25%				
	red clay (wet)			22%				
	yellow-brown silty tuff			5%				
	black clay w/ white inside			5%				
	gray granular			3%				
1228	gray jasperoid			10%				