WESTBAY MP SYSTEM
CASING INSTALLATION LOG

Project: NASA-WSTF Hole No.: BLM-31 Location: 600 Area

Hole Depth: 820' MP Depth: 800' Hole Diam.: 4 1/2"

Date Installed: 03-17-95 Installed By: ATSC Elev.(BC): 4726.98'

Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
0	(ground level)	86	94-343				√
					2 feet of stick-up at top of well	√	
	0'-200' ALLUVIUM	85	94-339				
10	(Santa Fe Group)		94-343				√
					Each couple tested to 100 psi for 30 seconds	√	
		84	94-339				
20			94-343				√
						√	
		83	94-339				
30			94-343		All magnetic collars attached 0.4' above MP couple		√
						√	
		82	94-339				
40			94-343		Filter fabric around MP couples where indicated		√
						√	
		81	94-339				
50			94-343				√
						√	
		80	93-295				
60			94-343				√
						√	
		79	93-295				
70			94-343				√
						√	
		78	93-295				
80			94-343				√
						√	
		77	93-295				
90			93-326				√
						√	
		76	93-295				
100			93-326				√

LEGEND

Regular MP Casing | MP Packer | Measurement Port Coupling | Pumping Port Coupling | Magnetic Collar

WESTBAY MP SYSTEM
CASING INSTALLATION LOG
(Cont'd)

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Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
100			93-326				√
	ALLUVIUM (cont'd)					√	
		75	93-295				
110			93-326				√
						√	
		74	93-295				
120			93-326				√
						√	
		73	93-295				
130			93-326				√
						√	
		72	93-295				
140			93-326				√
						√	
		71	93-295				
150			93-326				√
						√	
		70	94-342				
160			92-276				√
						√	
		69	94-342				
170			92-276				√
						√	
		68	94-342				
180			92-276				√
						√	
		67	94-342				
190			92-276				√
						√	
		66	94-342				
200			92-276				√

LEGEND

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(Cont'd)

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Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
200			92-276				√
	200'-820' ANDESITE (Orejon)	65	94-342			√	
210	Bottom of 5" steel surface casing		94-354				√
		64	94-342			√	
220			94-354				√
		63	94-342			√	
230	▼ Static Water ▼ Level	≈≈	94-354				√
		62	94-342			√	
240			94-354				√
		61	94-342			√	
250			94-354				√
		60	93-295			√	
260			94-354				√
		59	93-295			√	
270			93-326				√
		58	93-295			√	
280			93-326				√
		57	93-295			√	
290			93-326				√
		56	93-295			√	
300			93-326				√

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Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
300			93-326	▲			√
	ANDESITE (cont'd)					√	
		55	93-295				
310			93-326				√
						√	
		54	93-295				
					Zone 7		
320			93-326				√
						√	
		53	93-295				
330		●	8334				√
		52				√	
			93-326	▼			√
		51	8611	189psi/6.4 liters		√	
340			93-326	▲			√
						√	
		50	93-295		Zone 6		
		◄ ►					
350		●	8997		filter fabric		√
						√	
		49	93-295				
360		O	4208	▼			√
		48	8610	190psi/6.0 liters		√	
			93-326	▲			√
						√	
370		47	93-330				
			93-326				√
						√	
380		46	93-330				
			93-326		Zone 5		√
						√	
390		45	93-330				
			93-326				√
						√	
400		44	93-295				

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Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
400	ANDESITE (cont'd)	44	93-295	▲			
			94-354			√	
410		43	93-295			√	
		●	8332				√
420		42	93-295			√	
			94-354				√
430		41	93-295			√	
			94-354				√
440		40	93-295			√	
			94-354	Zone 5			√
450		39	93-295			√	
	455'-500': Less altered Rhyolite Ash-Flow Tuff		94-354				√
460		38	93-295			√	
			94-354				√
470		37	93-295			√	
			94-354	▼			√
		36	8612	190psi/5.5 liters		√	
480			94-354	▲			√
		◄ 35 ►				√	
		●	8332	Zone 4—filter fabric			√
490		34	93-295			√	
		O	4211	▼			√
		33	8609	190psi/4.75 liters		√	
500			93-326				√

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(Cont'd)

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500	ANDESITE (Cont'd)		93-326	▲		√	√
		32	93-295				
510			94-354			√	√
		31	93-295				
520			94-354			√	√
		30	93-295				
530			94-354			√	√
		29	93-295				
540			94-354			√	√
		28	93-295	Zone 3			
550			94-354			√	√
		27	93-295				
560			94-354			√	√
		26	93-295				
570			93-326			√	√
		25	93-295				
580			94-354			√	√
		24	93-295				
590			94-354			√	√
		23	93-295				
600			94-354	▼			√

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CASING INSTALLATION LOG
(Cont'd)

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Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
600			94-354	▲			√
	ANDESITE (cont'd)					√	
		22	93-295				
610			94-354				√
						√	
		21	93-295				
620			94-354				√
						√	
		20	93-295				
630		●	8335				√
						√	
		19	93-295				
640			94-354				√
						√	
		18	93-295	Zone 3			
650			94-354				√
						√	
		17	93-295				
660			94-354				√
						√	
		16	93-295				
670			94-354				√
						√	
		15	93-295				
680			94-354				√
						√	
		14	93-295				
690			93-326				√
						√	
		13	93-295				
700			93-326	▼			√

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(Cont'd)

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Depth (ft)	Geologic Description	MP Casing Log	Serial No.	Final Packer P/V	Comments	Joint Tests J	Joint Tests P
700			93-326	▲			√
	ANDESITE (cont'd)					√	
		12	93-295				
710			93-326				√
						√	
		11	93-295				
720			93-326				√
						√	
		10	93-295				
730			93-326		Zone 3		√
						√	
		9	93-295				
740			93-326				√
						√	
		8	93-295				
750			93-326				√
						√	
		7	93-295				
760			93-326	▼			√
		6	8613		189psi/5.75 liters	√	
			93-326	▲			√
		5				√	
770			8336		Zone 2 filter fabric		√
		4				√	
			4196	▼			√
		3	8614		189psi/5.75 liters	√	
780			8333	▲			√
						√	
		2	93-295				
					Zone 1		
790			93-326				√
		1				√	
	TD MP Casing=795'		endcap				√
800	TD borehole=820'			▼			

LEGEND

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