

Lithium Inventory at AP0

mass (grams)	container/packaging	enrichment atom %	weight %	chemical analysis	approximate date received	comments
10000*	10 gallon drum with mineral oil	97.17	97.56	Attachment 1	3/20/00	opened for inspection 11/29/00
502	1 gallon steel can unknown inside packaging	97.17	97.56	Attachment 1	7/8/99	
498	1 gallon steel can unknown inside packaging	97.17	97.56	Attachment 1	7/8/99	
235?	tall SS pipe			Attachment 2***	labeled "1 slug left 7-30-99"	
235	2 gallon sealed can containing sealed envelope (aluminized mylar?) with dry lithium slug	92.5%		Attachment 3**	8/11/89	slug dwg no. 8000 MB 170085
235	2 gallon sealed can containing sealed envelope (aluminized mylar?) with dry lithium slug	92.5%		Attachment 3**	8/11/89	slug dwg no. 8000 MB 170085
235	1 gallon paint can with mineral oil and cut up battery grade lithium slug (cutting done on 1/23/01)	92.5%		Attachment 3**	8/11/89	was similar to slug dwg no. 8000 MB 170085; now cut into three pieces
?	2 gallon sealed can unknown internal packaging	?	?	?	?	FMC company label with hand written "scrap"
estimated 125	Clear dessicant container containing scrap	?	?	?	?	sealed dessicator - argon gas
?	Small SS vessal	?	?	?	?	probably contains scrap - rattles when shaken

*Dimensions taken during 11/29/00 inspection			
Piece	Measurements (cm)	Weight (lb)	Identifying Number
1	36 x 18 x 9	4.9	4456
2	36 x 19 x 8	5.2	2620
3	35 x 16 x 10	5.0	5544
4	36 x 21 x 11	7.6	2620

**Assay dated 10/27/86 thought to be representative of natural lithium in containers dated 8/11/89

***Material is thought to be last remaining slug of >99% Li7