


## APPENDIX 1: FORMS

### Sample Label Form

 Questa, New Mexico		Specially Cleaned Sample Container	
		Lot #	
DATE:	TIME:	COLLECTED BY:	
FIELD ID:			
SAMPLE TYPE: 🍏 Grab    🍏 Composite    🍏 Other _____			
TESTS REQUIRED:		PRESERVATIVE:	

### Example Custody Seal

<b>CUSTODY SEAL</b>	SAMPLE NO.	DATE	TIME	SEAL BROKEN BY	DATE
	SIGNATURE				
	PRINT NAME AND TITLE (Inspector, Analyst or Technician)				

Custody Seal

## Chain-of-Custody Forms

Chain_of_custody_subform	
FIELD CHAIN OF CUSTODY AND REQUEST FOR ANALYSES	

Field\_id:  Last Field id:  No samples:  ☒

Date\_collected:  Person collected:  Task:  ☒

Sample\_container:  Custody\_seals: ☐

Quantity:  Preservation\_methods:

Deviation\_chain\_of\_custody:  Corrective\_action:

SOP\_number:  Deviation\_SOP:

Comments:

### chain of cust trans subform

Date transferred	intials	signature	Transferred to	signature	Laboratory id
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text" value="LFG"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Record:  of 6

### sample\_analyses\_request\_subform

thin\_section ☐ thin\_section\_comp ☐ bulk\_density ☐ bulk\_density\_comp ☐

Weathering\_cells ☐ samples\_from\_Kim ☐ samples\_from\_Kim\_after ☐

petrographic ☒ petrographic\_comp ☐ clay\_min ☐ clay\_min\_comp ☐

Alteration ☒ carbonates ☐ paste\_pH ☒ paste\_pH\_com ☐ MC ☐ MC\_comp ☐

mineralogy ☒ pyrite ☒ paste\_conductivity ☒ paste\_conductivity\_com ☐

Crushed ☒ pyrite\_reserve ☐ part\_size ☒ part\_size\_comp ☐

DI\_leach ☒ DI\_leach\_comp ☐ part\_size\_chem ☐ part\_size\_chem\_comp ☐

reflect\_spect ☐ microbes ☐ XRD ☒ XRD\_comp ☐ Ar\_Ar ☐ Ar\_Ar\_comp ☐

probe ☐ probe\_comp ☐ XRF ☒ XRF\_comp ☐ ICP ☒ ICP\_comp ☐

stable\_isotopes ☐ stable\_isotopes\_comp ☐ pore\_water ☐ pore\_water\_comp ☐

Cations anions ☐ pH cond TDS ☐ shear box ☐

Comments:

Record:  of 1

chain\_of\_cust\_lab\_form

### LABORATORY CHAIN OF CUSTODY AND REQUEST FOR ANALYSES

Sample id  Last sample id  No samples  ☒

Field id  Last Field id  Task  ☒

SOP number  Deviation SOP

Deviation chain of custody

Corrective action

Comments

chain\_of\_cust\_trans\_lab\_subform

	Date transferred	initials	signature1	Transferred to	signature	Laboratory id
▶	<input type="text"/>	JMS	<input type="text"/>	ARC	<input type="text"/>	NM7
*	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

chip\_tray\_form

Chip\_tray\_no:  Hole pit id:  From:  To:

Interval:  Person collected:  Analyses\_Requested:

SOP\_number:  Deviation\_SOP:

Deviation\_chain\_of\_custody:  Corrective\_action:

Date\_collected:  Comments:

chip\_tray\_custody\_subform

	Chip_tray_no	Date transferred	initials1	signature1	Transferred to	signature
▶	1	12/8/2003	GMG	<input type="text"/>	VTM	<input type="text"/>
	1	1/27/2004	VTM	<input type="text"/>	JSR	<input type="text"/>
	1	1/28/2004	JSR	<input type="text"/>	PJP	<input type="text"/>
	1	10/29/2004	PJP	<input type="text"/>	Socorro	<input type="text"/>

Record:      of 4

Chain-of-Custody Forms

CHAIN OF CUSTODY RECORD											Page ____ of ____								
Project Name: <b>Molycorp Waste Rock Pile Characterization</b>										Comments:									
Sampler		Name: <b>Kelly Donahue</b>				Initials:													
		Sign:				Analysis Requested													
Sample Type		Container Type				Number of Containers													
Air <input type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Rock <input type="checkbox"/> Other <input type="checkbox"/>		Bucket <input type="checkbox"/> Box <input type="checkbox"/> Plastic bag <input type="checkbox"/> Bags in bucket <input type="checkbox"/> Moisture Content Jar <input type="checkbox"/> Other <input type="checkbox"/>																	
SAMPLE IDENTIFICATION		Collection Date	Collection Time																
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
Relinquished by (Initials and Sign):			Date/Time:		Received by (Initials and Sign):				Date/Time:		Location/Comments:								
Relinquished by (Initials and Sign):			Date/Time:		Received by (Initials and Sign):				Date/Time:		Location/Comments:								
Relinquished by (Initials and Sign):			Date/Time:		Received by (Initials and Sign):				Date/Time:		Location/Comments:								
Relinquished by (Initials and Sign):			Date/Time:		Received by (Initials and Sign):				Date/Time:		Location/Comments:								