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**Committee E01 on Analytical Chemistry for Metals, Ores and Related
Materials
Subcommittee E01.02 on Ores, Concentrates, and Related
Metallurgical Materials**

Research Report RR #E01-1034

**Inter-Laboratory Study to Establish Precision Statements for ASTM
E1805, Standard Test Method for Fire Assay Determination of Gold in
Copper Concentrates by Gravimetry**

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Research Report

E-1805

Test Method for the Fire Assay Determination of Gold in Copper Concentrates.

Laboratories Involved

1.	Amarillo Copper Refinery	Amarillo, TX
2.	ASARCO Ray Complex	Hayden, AZ
3.	A. H. Knight labs Inc.	Pompton Lakes, NJ
4.	ASARCO East Helena	East Helena, MT
5.	Mountain States Labs	Vail, AZ
6.	ASARCO Northwest Mining	Wallace, ID
7.	ASARCO El Paso	El Paso, TX

Sample #1

1.	0.004	0.004	0.004
2.	0.007	0.006	0.006
3.	0.005	0.003	0.005
4.	0.006	0.006	0.006
5.	0.004	0.004	0.004
6.	0.003	0.003	0.003
7.	0.005	0.005	0.005

ld in Copper Concentrates Oz/Ton
 GE 1

ORIGINAL DATA TABLE WITH MATERIALS IN INCREASING ORDER

LAB	MATERIAL		
	A	B	C
1	0.0040000	0.0180000	0.5100000
	0.0040000	0.0170000	0.5200000
	0.0040000	0.0170000	0.5140000
2	0.0070000	0.0160000	0.5190000
	0.0060000	0.0170000	0.5120000
	0.0060000	0.0170000	0.5110000
3	0.0050000 k	0.0170000	0.5220000
	0.0030000 k	0.0170000	0.5220000
	0.0050000 k	0.0190000	0.5310000
4	0.0060000	0.0180000 k	0.5260000
	0.0060000	0.0180000 k	0.5190000
	0.0060000	0.0120000 k	0.5220000
5	0.0040000	0.0200000	0.5300000
	0.0040000	0.0200000	0.5280000
	0.0040000	0.0180000	0.5290000
6	0.0030000	0.0160000	0.5250000
	0.0030000	0.0170000	0.5210000
	0.0030000	0.0170000	0.5250000
7	0.0050000	0.0190000	0.5190000
	0.0050000	0.0160000	0.5100000
	0.0050000	0.0160000	0.5220000