

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>HDR, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3466</u>
Contract:	<u>HDRI08</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3451-01</u>	Client ID:	<u>TP-11DUP</u>
Percent Solids for Sample:	89.8	Duplicate ID	Q3451-01DUP	Percent Solids for Spike Sample:	89.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.014	U	0.014	U			CV

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Client:	<u>HDR, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3466</u>
Contract:	<u>HDRI08</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3451-01MS</u>	Client ID:	<u>TP-11MSD</u>
Percent Solids for Sample:	89.8	Duplicate ID	Q3451-01MSD	Percent Solids for Spike Sample:	89.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.31		0.29		7		CV

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DUPLICATE SAMPLE SUMMARY

Client: HDR, Inc. **Level:** LOW **SDG No.:** Q3466
Contract: HDRI08 **Lab Code:** ACE
Matrix: Solid **Sample ID:** Q3469-01 **Client ID:** TP-13DUP

Percent Solids for Sample: 91.1 **Duplicate ID** Q3469-01DUP **Percent Solids for Spike Sample:** 91.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	4010		3830		5		P
Antimony	mg/Kg	20	2.39	U	2.45	U			P
Arsenic	mg/Kg	20	1.48		1.50		1		P
Barium	mg/Kg	20	14.2		13.2		7		P
Beryllium	mg/Kg	20	0.35		0.33		5		P
Cadmium	mg/Kg	20	0.064	J	0.045	J	35		P
Calcium	mg/Kg	20	554		541		2		P
Chromium	mg/Kg	20	5.56		6.20		11		P
Cobalt	mg/Kg	20	3.16		3.21		2		P
Copper	mg/Kg	20	16.0		16.1		1		P
Iron	mg/Kg	20	7710		7810		1		P
Lead	mg/Kg	20	5.18		5.11		1		P
Magnesium	mg/Kg	20	1130		1030		9		P
Manganese	mg/Kg	20	192		176		9		P
Nickel	mg/Kg	20	6.36		6.27		1		P
Potassium	mg/Kg	20	413		447		8		P
Selenium	mg/Kg	20	0.96	U	0.98	U			P
Silver	mg/Kg	20	0.12	J	0.15	J	24		P
Sodium	mg/Kg	20	321		314		2		P
Thallium	mg/Kg	20	1.91	U	1.96	U			P
Vanadium	mg/Kg	20	8.79		9.48		8		P
Zinc	mg/Kg	20	13.4		12.9		4		P

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Client:	<u>HDR, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3466</u>
Contract:	<u>HDRI08</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3469-01MS</u>	Client ID:	<u>TP-13MSD</u>
Percent Solids for Sample:	91.1	Duplicate ID	Q3469-01MSD	Percent Solids for Spike Sample:	91.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	5060		4210		18		P
Antimony	mg/Kg	20	17.8		17.4		2		P
Arsenic	mg/Kg	20	34.8		32.8		6		P
Barium	mg/Kg	20	23.8		21.4		11		P
Beryllium	mg/Kg	20	8.81		8.08		9		P
Cadmium	mg/Kg	20	9.63		8.83		9		P
Calcium	mg/Kg	20	683		568		18		P
Chromium	mg/Kg	20	23.9		21.4		11		P
Cobalt	mg/Kg	20	13.6		12.2		11		P
Copper	mg/Kg	20	31.1		27.2		13		P
Iron	mg/Kg	20	9800		7310		29	*	P
Lead	mg/Kg	20	52.8		48.0		10		P
Magnesium	mg/Kg	20	1310		1110		17		P
Manganese	mg/Kg	20	213		190		11		P
Nickel	mg/Kg	20	31.8		28.3		12		P
Potassium	mg/Kg	20	951		847		12		P
Selenium	mg/Kg	20	79.7		76.2		4		P
Silver	mg/Kg	20	3.42		3.19		7		P
Sodium	mg/Kg	20	484		425		13		P
Thallium	mg/Kg	20	95.9		87.8		9		P
Vanadium	mg/Kg	20	22.6		20.0		12		P
Zinc	mg/Kg	20	23.8		20.4		15		P