

Workshop Week
Total Zn, Pb, Ag Project





EUROPA METALS

LithoCodes, Logging and Database proposal

Workstream presentations from project leads









New team brought together



Ensuring best practice, standardised data recording for re-logging & future work



EUROPA METALS GEOLOGICAL LOGGING CODES

Type	Subtype	Description
SEDIMENT	CSU	Sand, unconsolidated
	CSL	Sand, laminated, sediment (sand derived)
	CSG	Sand, laminated, igneous (silt derived)
	CAL	Claystone
	COO	Coalstone
CSU	Gravelly, Unconsolidated	
SEDIMENTS - URBETAMORPHISED	SSA	Assault (Fracture) (unconsolidated)
	SSS	Sandstone
	SSM	Mudstone, shale, claystone
	SSN	Mudstone (Carbonaceous) / Graphitic
	SSV	Siltstone
	SSW	Siltstone
	SSX	Siltstone
	SSY	Siltstone
	SSZ	Siltstone
	SSA	Siltstone
SEDIMENTS - METAMORPHISED	MSA	Mudstone, (shale, claystone)
	MSB	Mudstone, (shale, claystone)
	MSC	Mudstone, (shale, claystone)
	MSD	Mudstone, (shale, claystone)
	MSA	Mudstone, (shale, claystone)
	MSB	Mudstone, (shale, claystone)
	MSC	Mudstone, (shale, claystone)
	MSD	Mudstone, (shale, claystone)
	MSA	Mudstone, (shale, claystone)
	MSB	Mudstone, (shale, claystone)
INTRUSIVE ROCKS OR BY HYDROTHERMAL ALTERATION	ISA	Granite
	ISB	Granite
	ISC	Granite
	ISD	Granite
	ISA	Granite
	ISB	Granite
	ISC	Granite
	ISD	Granite
	ISA	Granite
	ISB	Granite
MISCELLANEOUS	MSA	Mudstone, (shale, claystone)
	MSB	Mudstone, (shale, claystone)
	MSC	Mudstone, (shale, claystone)
	MSD	Mudstone, (shale, claystone)
	MSA	Mudstone, (shale, claystone)
	MSB	Mudstone, (shale, claystone)
	MSC	Mudstone, (shale, claystone)
	MSD	Mudstone, (shale, claystone)
	MSA	Mudstone, (shale, claystone)
	MSB	Mudstone, (shale, claystone)

Code	Color	Description
W1	White	White
W2	Light Grey	Light Grey
W3	Dark Grey	Dark Grey
W4	Black	Black
W5	Red	Red
W6	Orange	Orange
W7	Yellow	Yellow
W8	Green	Green

Code	Description
W1	Unweathered
W2	Weakly weathered
W3	Medium weathered
W4	Strongly weathered
W5	Very strongly weathered

Code	Description
M1	None / Blank
M2	Trace
M3	Small
M4	Medium
M5	Large

Code	Description
A1	None
A2	Low
A3	Medium
A4	High

Code	Description
S1	None
S2	Low
S3	Medium
S4	High

Code	Description
M1	None
M2	Trace
M3	Small
M4	Medium
M5	Large

Code	Description
T1	None
T2	Low
T3	Medium
T4	High



Addison Mining Services
Independent scoping study &
resource consultants







New Toral Exploration Manager







Arrival at Toral core storage







CAJA 2	14	De 56.50	De 59.50
CAJA 2	13	De 53.60	De 56.50
CAJA	12	De 50.60	De 53.60
CAJA	11	De 47.60	De 50.60
CAJA	10	De 44.60	De 47.60
CAJA	9	De 41.70	De 44.60
CAJA	8	De 38.70	De 41.70
SONDEO LIAT - 2	7	De 35.70	De 38.70
SONDEO LIAT - 2	6	De 32.70	De 35.70
SONDEO LIAT - 2	5	De 29.50	De 32.70
SONDEO LIAT - 2	4	De 26.45	De 29.50
SONDEO LIAT - 2	3	De 23.80	De 26.45
SONDEO LIAT - 2	2	De 19.45	De 23.80
SONDEO LIAT - 2	1	De 13.00	De 19.45

CAJA 28		De 153.65	De 156.50
CAJA 27		De 150.10	De 153.65
CAJA 26		De 146.60	De 150.10
CAJA 25		De 143.00	De 146.60
CAJA 24		De 139.40	De 143.00
CAJA 23		De 136.40	De 139.40
CAJA 22		De 133.60	De 136.40
SONDEO LIAT - 1	21	De 130.45	De 133.60
SONDEO LIAT - 1	20	De 126.90	De 130.45
SONDEO LIAT - 1	19	De 124.00	De 126.90
SONDEO LIAT - 1	18	De 121.15	De 124.00
SONDEO LIAT - 1	17	De 117.70	De 121.15
SONDEO LIAT - 1	16	De 114.70	De 117.70
SONDEO LIAT - 1	15	De 111.70	De 114.70

SONDEO CASTOPETRE - 8	14	De 297.75	De 300.70
SONDEO CASTOPETRE - 8	13	De 294.80	De 297.75
SONDEO CASTOPETRE - 8	12	De 292.10	De 294.80
SONDEO CASTOPETRE - 8	11	De 289.20	De 292.10
SONDEO CASTOPETRE - 8		De 286.45	De 289.20

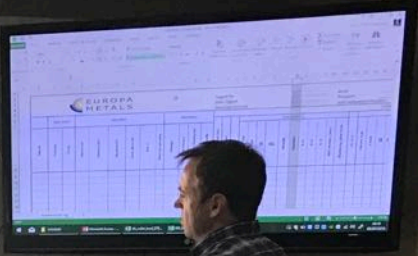




Jesus Montero, COO Iberia







Session with development, and first operations, head of Rubiales mine for Teck - looking at Toral as an operating project





2018 Objectives:

- First scoping study at Toral Zn, Pb & Ag project
- Metallurgical testwork
- Extension drilling

