Inclusion Analysis as per ASTM E 45 method A and D

Date & Time:		**Field Area (mic.2):**	297702.70
Organization:	Clemex Technologies inc.	**Field(s) Analyzed:**	6
Department:		**Total Analyzed Area (mm2):**	1.268
User Name:		**Units:**	microns
Magnification:	100x	**Sample ID:**	
Calibration:	0.9741 µm/ mic.	**Heat ID:**	For horizontal inclusion

Rating - Method A

Rating of worst field for each type

	Type A	Type B	Type C	Type D
Thin:	0	0	0	0.5
Heavy:	0	0	0	0.5

Rating - Method D

Quantity of fields for each severity level

		0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
Type A (Sulfide)	*Thin*	4	1	1	0	0	0	0	0	0	0	0
	Heavy	5	1	0	0	0	0	0	0	0	0	0
Type B (Alumina)	*Thin*	1	0	1	4	0	0	0	0	0	0	0
	Heavy	5	0	0	0	1	0	0	0	0	0	0
Type C (Silicate)	*Thin*	5	0	1	0	0	0	0	0	0	0	0
	Heavy	6	0	0	0	0	0	0	0	0	0	0
Type D (Globular)	*Thin*	4	2	0	0	0	0	0	0	0	0	0
	Heavy	2	4	0	0	0	0	0	0	0	0	0

Oversize Inclusions

Oversize by length

	Type A	Type B	Type C	Type D	Total
Count:	0	0	0	0	0
Length max:	0.00	0.00	0.00	0.00	

Oversize by mean width

	Type A	Type B	Type C	Type D	Total
Count:	0	0	0	2	2
Length max:	0.00	0.00	0.00	19.78	

Signature: