

Nodularity Evaluation as per ISO 945 (V3.3)

Date:	2026-Feb-18, 12:32:50 PM GMT-05:00	Area (mic2):	195248	Mag.:	100x
User:		Calibration:	0.8850 µm/pixel	Units:	Microns
Sample ID:	1	Nodularity by Count:	88.89	# Fields:	1
Graphite main type (fixed):	VI	Nodularity by Area:	98.87	Graphite %:	13.69
Rating (A%):	99 % VI, 1 % ?	JIS G 5502 Nodularity:	86.67	Pores %:	0.00

All graphite:

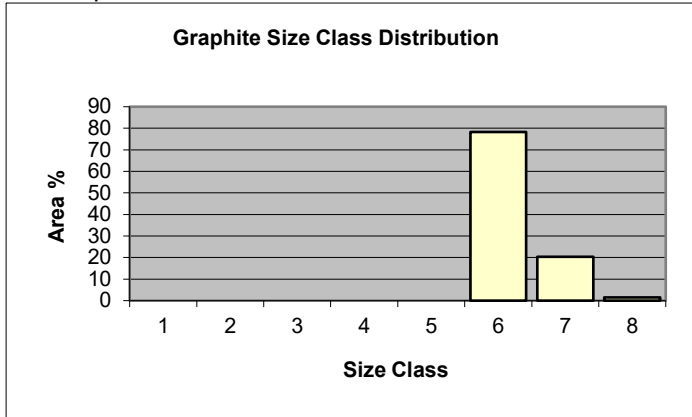
Range (mic.)	Size Class	Count	Area %
> 1000	1	0	0
500 - 1000	2	0	0
250 - 500	3	0	0
120 - 250	4	0	0
60 - 120	5	0	0
30 - 60	6	18	78
15 - 30	7	17	20
0 - 15	8	10	1

All graphite mean Length: 27.02 µm
 Corresponding Size Class: 7
 All graphite density: 230 1/mm
 Count of all graphites: 45

Nodules maximum Length: 53.761 µm
 Corresponding Size Class: 6
 Nodules mean Length: 28.92 µm
 Corresponding Size Class: 7
 Nodules density: 205 1/mm
 Nodules count: 40

Other graphite main type: ? (manual)
 Other types mean Length: 11.84 µm
 Corresponding Size Class: 8
 Other types of graphite density: 26 1/mm
 Other types of graphite count: 5

All Graphites:



Nodules:

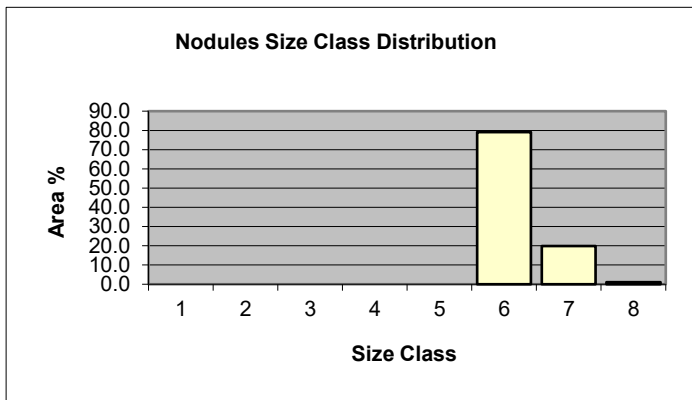
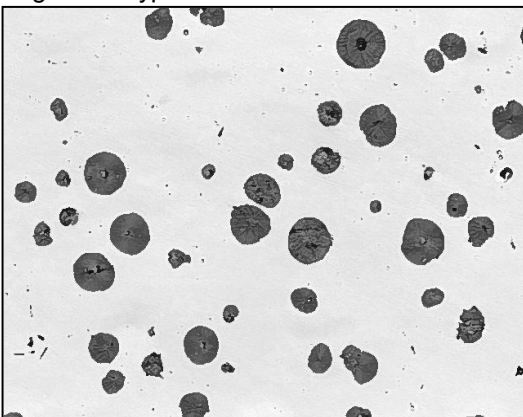
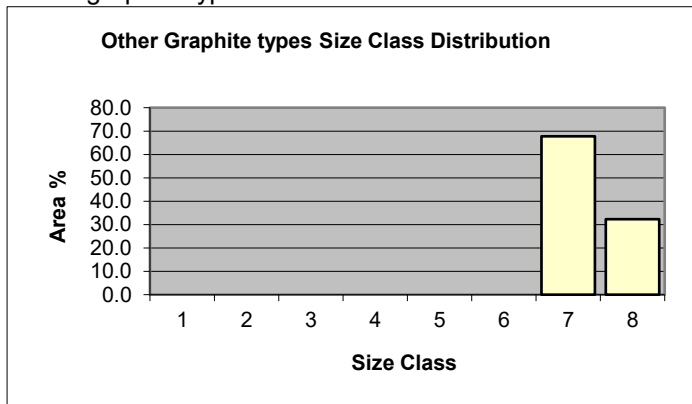


Figure 1: Typical field



Other graphite types:



The current analysis has been added to the summary file.