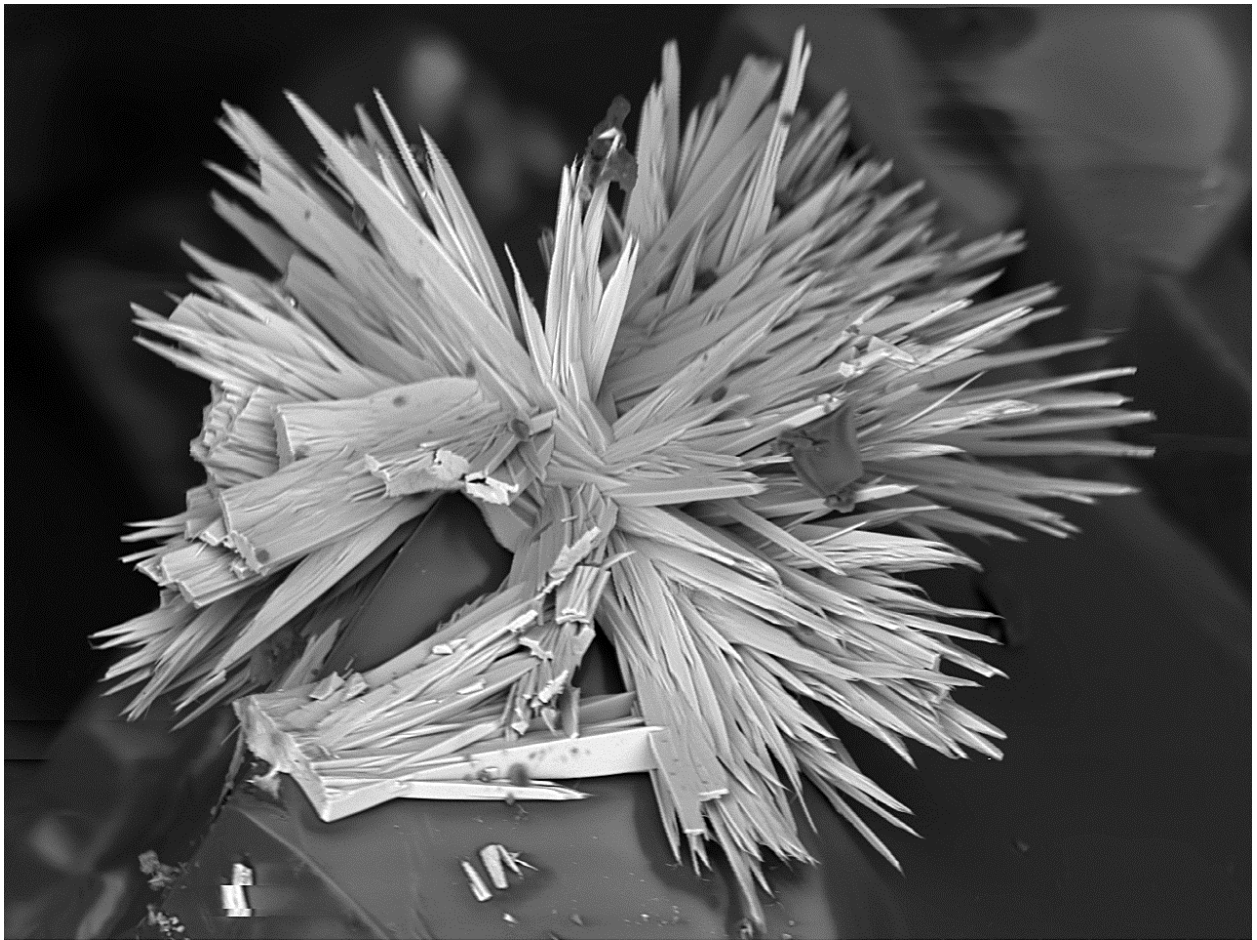


Chabournéite, $Tl_{5-x}Pb_{2x}(Sb,As)_{21-x}S_{34}$



TM3030

2015/11/01

A

x600

100 μ m

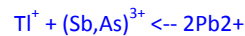
Color:	Black	Find Date:	N/A
Paragenesis:	Smithite	Coll.:	P. Roth
Photo:	P. Roth	Copyright:	P. Roth
Remarks	Chemistry is summarized on the next page		



Chabournéite, $Tl_{5-x}Pb_{2x}(Sb,As)_{21-x}S_{34}$

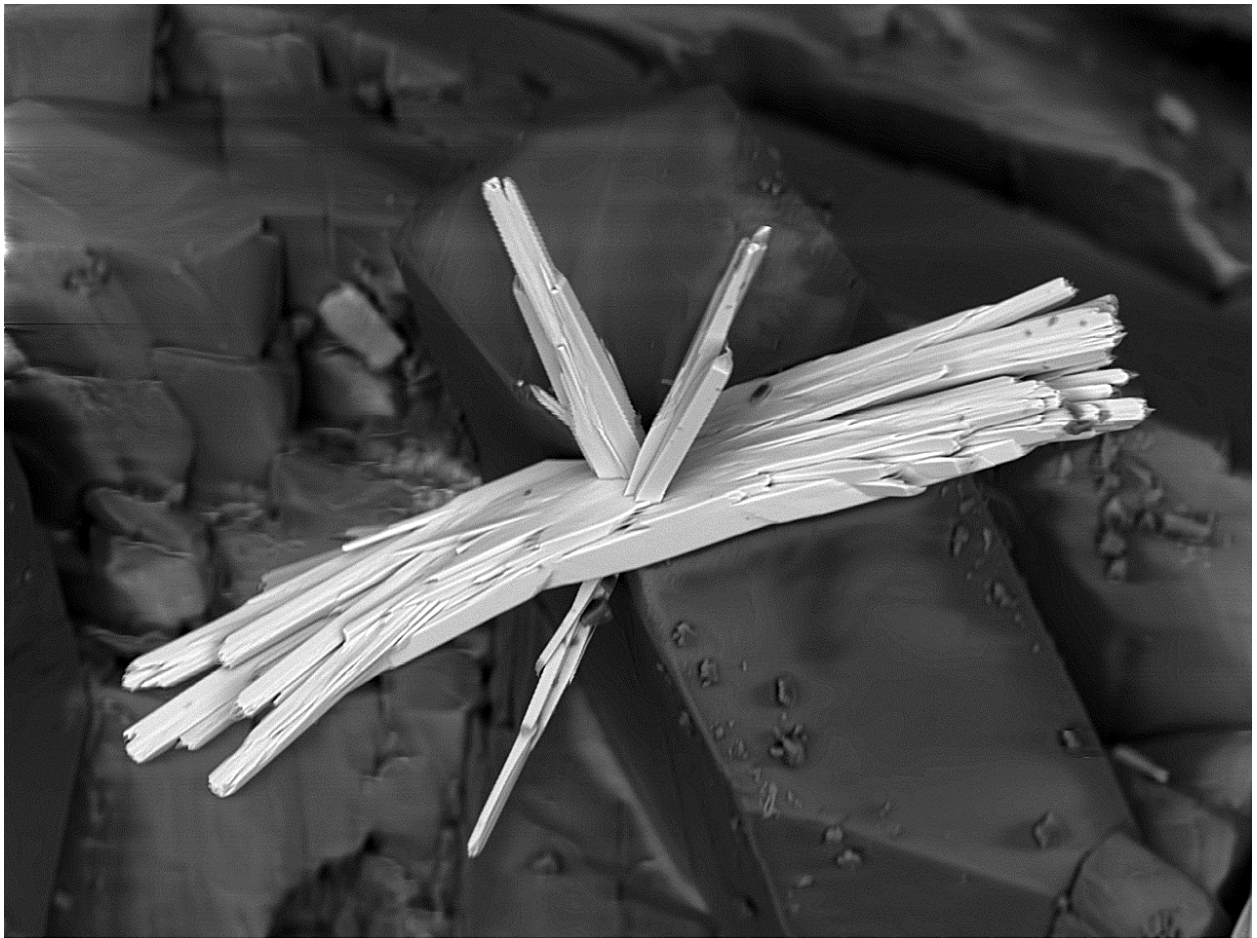
The table below shows the mean weight % of six measurements, as compared to published data for the two other chabournéite localities.

Element	LB-UK-020						Mean	Chabournéites	
	PIAG	0934c	0934e	0934b	0934f	0934g		Jas Roux	Albuta,Jpn
	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%
Sulfur	27.16	24.78	24.77	27.10	24.99	25.73	25.76	26.05	24.82
Arsenic	11.60	8.11	9.45	8.06	10.35	11.13	9.79	17.63	14.83
Antimony	39.38	41.47	40.46	43.26	40.38	39.78	40.79	32.92	31.61
(As,Sb)	50.98	49.58	49.92	51.32	50.74	50.91	50.57	50.55	46.44
Thallium	10.86	14.95	15.17	15.68	15.38	15.74	14.63	23.87	17.88
Lead	11.00	10.69	10.14	5.90	8.90	7.63	9.04	0.00	10.94
(Tl,Pb)	21.86	25.64	25.31	21.58	24.27	23.37	23.67	23.87	28.82



Element	at%	at%	at%	at%	at%	at%	at%
Sulfur	59.17	57.39	57.05	59.80	57.00	57.67	58.01
Arsenic	10.82	8.04	9.31	7.61	10.11	10.68	9.43
Antimony	22.59	25.30	24.54	25.14	24.25	23.48	24.22
(As,Sb)	33.41	33.34	33.85	32.76	34.36	34.15	33.65
Thallium	3.71	5.43	5.48	5.43	5.50	5.54	5.18
Lead	3.71	3.83	3.61	2.02	3.14	2.65	3.16
(Tl,Pb)	7.42	9.27	9.10	7.44	8.64	8.18	8.34

Chabournéite, $Tl_{5-x}Pb_{2x}(Sb,As)_{21-x}S_{34}$



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