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THE CRYSTAL STRUCTURE OF PLATARSITE, $Pt(As,S)_2$, AND A COMPARISON WITH SPERRYLITE, $PtAs_2$: CORRIGENDUM

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In a recent publication on the structures of platarsite and sperrylite (Szymański 1979), an undetected typing error in Table 5 resulted in four reflections having incorrect indices. The corrected Table 5 is given below.

Furthermore, it should have been stated in the paper that the data for Table 1 and Figure 1 were prepared assuming the wavelength to Mo $K\alpha_1$ radiation to be 0.70930 Å.

TABLE 5. X-RAY POWDER PATTERN OF SPERRYLITE CALCULATED FOR CuKα RADIATION FROM OBSERVED SINGLE-CRYSTAL DIFFRACTOMETER INTENSITIES

d(Å)	I_{calc}	hkl	d(Å)	I_{calc}	hkl
3.4557	54	111	1.0550	19	440
2.9840	67	200	1.0088	15	531
2.6690	33	210	0.9947	16	600,442
2.4365	28	211	0.9811	2	610
2.1100	50	220	0.9682	6	611,532
1.7995	100	311	0.9436	13	620
1.7228	18	222	0.9101	20	533
1.6533	12	230	0.8997	14	622
1.5950	17	321	0.8897	4	542,630
1.3692	18	331	0.8799	4	361
1.3345	22	420	0.8357	13 α_1	551,711
1.3023	7	421	0.8276	18 α_1	640
1.2724	3	332	0.8198	6 α_1	270,461
1.2182	21	422	0.8122	7 α_1	721,663,552
1.1486	37	511,333	0.7975	38 α_1	642
1.1082	7	250,342	0.7770	155 α_1	731,553
1.0896	4	521			

REFERENCE

SZYMAŃSKI, J.T. (1979): The crystal structure of platarsite, $Pt(As,S)_2$, and a comparison with sperrylite, $PtAs_2$. *Can. Mineral.* 17, 117-123.

REFEREES FOR 1979

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