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amination provides e phase, a pyroxene, uns. As a check, the the composition 50 50 per cent lime le, was calculated. erferences between he reflections used r diopside and lime e are given in table vere chosen because unambiguously and ong—an important be used for determixtures of phases ery much pyroxene. eflections listed in les less than 31° for ence the d values with high accuracy. the unit cells were squares adjustment it these peaks. The do not differ sigtandard errors are low-angle peaks are

rameters of lime e and diopside are ng with parameters her observers. The The change of joins diopside-lime ile and diopsidefigures 4 and 5. The btained by applying bed above to a series I previously been mosphere. Compore than 40 per cent

and	Diopside
	Diopside (H. H. Hess, unpublished)
	9.741
	8.924
	- 5.247
	74.15
	438.77

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