

## CHAPTER III

### OBJECTIVES

The objectives of this project can be written as follows:

- I. To identify and classify the common structures occurring in accretions and dust obtained from the Kalgoorlie Nickel Flash Smelting.
- II. To recreate the identified structures under laboratory conditions.
- III. To correlate structures with formation conditions and thermal properties.
- IV. To develop a theoretical mechanism for the formation of the structures identified.
- V. To determine the nature of any reaction occurring between the accretion and the refractory.

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