

## LIST OF FIGURES

<u>Fig. No.</u>		<u>Page</u>
1	Schematic Diagram of Two-Stage High Pressure Test Vessel . . . .	9
2	Macroscopic Photograph Showing $\{11\bar{2}0\}$ and $\{10\bar{1}0\}$ Lateral Surfaces of Crystal ISR-10 After c-axis Compression Under Hydrostatic Pressure in the Range 145-168 ksi. Mag. 15X . . . . .	10
3	Optical Photomicrograph Showing (0001) Slip Lines, $\{10\bar{1}2\}$ Twins and Rectangular Markings at S on $(11\bar{2}0)$ Surface of Crystal ISR-10 Shown in Figure 1. Mag. 240X. . . . .	11
4	Optical Photomicrograph Showing Rectangular Marking at S at the Top of $\{10\bar{1}2\}$ Twin of Crystal ISR-10. Mag. 240X . . . . .	12
5	Profuse Basal and Prism Slip Seen in Association with Pyramidal Slip at G of Specimen ISR-10. Mag. 240X. . . . .	13
6	Pyramidal Slip Lines on $(11\bar{2}0)$ Surface Shown in Figure 2 at F Match $\{11\bar{2}2\}$ Trace for this Surface. Mag. 240X . . . . .	14
7	Electron Transmission Micrographs of Specimen ISR-10 Foil Cut Parallel to $(11\bar{2}0)$ Showing Contrast Effects for (a) g.(0002) and (b) g.( $10\bar{1}0$ ). Mag. 37,500X . . . . .	15
8	Macroscopic Photograph Showing $\{11\bar{2}0\}$ and $\{10\bar{1}0\}$ Lateral Surfaces of Crystal ISR-11 After c-axis Compression under Hydrostatic Pressure in the Range 238-255 ksi. Mag. 15X . . . . .	16
9	Electron Transmission Micrographs of Crystal ISR-11 Foil Cut Parallel to $(11\bar{2}0)$ Showing Contrast Effects for (a) g.(0002) and (b) g.( $10\bar{1}0$ ). Mag. 37,500X . . . . .	17
10	Macroscopic Photograph Showing $\{11\bar{2}0\}$ and $\{10\bar{1}0\}$ Lateral Surfaces of Crystal ISR-12 After c-axis Compression Under Hydrostatic Pressure in the Range 261-293 ksi. Mag. 15X . . . . .	18
11	Optical Photomicrographs of (a) $(11\bar{2}0)$ and (b) $(\bar{1}010)$ Surfaces of Crystal ISR-12 Showing Pyramidal Slip Lines which are Indexed as $\{11\bar{2}2\}$ Traces. Mag. 240X . . . . .	19