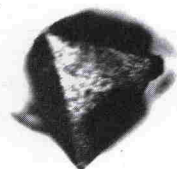


TABLE VIII

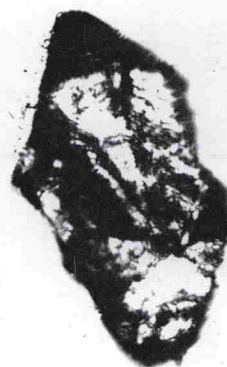
NiO PREPARATIONS

Run No.	Pressure (psi)	Temperature (°C)	Power (watts)	Time (min)	Results
17	250,000	910	1271	10	Very poor
14	250,000	890	1316	12	Good
11	250,000	940	1390	8	Good
27	250,000	980*	1586	9	Good 728 KHN 100 gram load
23	250,000	980	1592	10	Good (Al ₂ O ₃ contamination)
22	250,000	(1300)*	1785	10	KHN of 800 for 100 gram load
18	500,000	(1000)*	1656	2	Very poor
32	500,000	1000	1664	10	NiO crystals

*Open thermocouple, temperature obtained by interpolation of power versus temperature plots of other runs.



(A)



(B)

3356B

Figure 15 NiO SINGLE CRYSTALS