

	<u>Fluids</u>	<u>Solids</u>
Mechanical :	G.2, G.3, L.4a, L.4b, L.4c, N.1a, N.1b, R.3, S.4.	B.8, B.13, L.7b, L.11, N.1d, S.8, T.1, U.2a.
Optical :	N.2a.	C.3, L.7b, L.7c, N.2a, N.3b,
Thermal :	C.5, G.3, L.4a, L.4b, L.4c, B.1c.	H.2, L.10.
Unspecified :	E.2, I.2, U.3a.	C.4b, O.1, U.3a.
Crystallographic :		C.3, L.3, L.10, N.2b, S.8, U.2a, U.2c.
Low Temperature :		L.2, L.7b, N.2a, S.3,

PRESSURE MEASUREMENT.

B.14, L.4a, N.2e.

P-V-T STUDIES

C.5, I.3, L.4a,

SHOCK WAVES.

(see under DYNAMIC HIGH PRESSURES).

N.2d, R.3, U.3a.

VERY HIGH PRESSURES

B.6, C.3, E.3, E.5, H.2, L.3, L.4d, L.7, L.8, L.10, L.11, N.2a,
N.2b, N.2c, N.2e, N.3b, R.2, R.3, S.3, S.8.

Field(s)

Equipm

Hydrothermal synthesis and equilibria
mainly in aqueous silicate systems.
e.g. $\text{CaO-SiO}_2\text{-H}_2\text{O}$.

Cold s
800°C
Modifi
volume

F.P. Glasser
H.F.W. Taylor (Prof.)

Hydrothermal synthesis of silicate
minerals. (At present working on
polymorphism in alkali feldspars).

4 cyli
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up to
but la

T.C. Phemister (Prof.)
Ian Parsons

The manufacture of steel tubing
for high pressure applications.

Heat t
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G. Maddox
P. Duffill

Hot and cold forming of metals.
Particularly extrusion, wire manufacture,
deep drawing, etc.

(a) 10
(b) Ac
extrus
used o
(c) Ex
abilit
Press

A.R. Woodward
J. Willis

Forming of metals and composites,
including extrusion at up to ~ 7 kb.

J.C. Moore.
N.A. Ratcliff

Design and manufacture of high
pressure equipment to meet
research and medium scale industrial
requirements.

Pressur
for pre
hydraul
volumes
volumes
shaking
be prov
are ava

W.K. Baskerville
T.C. Baskerville