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# LAMPIRAN

## L1. SUMBER PENGAMBILAN MATERIAL



Pengambilan bahan Jerami dari persawahan di Toraja



Pengambilan Fly Ash dari PLTU Jeneponto



Pembakaran batang jerami padi



Tanah Laterit dari sekitar Kampus Gowa



Pembakaran batang Jerami padi



Penyimpanan Fly Ash PLTU Jenepono



Pengambilan Limbah Fly Ash dari PLTU Jeneponto



Memasukkan Limbah Fly Ash ke dalam tempat penyimpanan (karung plastik)



## **L2. PROSES TRIAL MIX MATERIAL GEOPOLIMER**



Trial mix sampel



Trial Mix Sampel Curing Air



Pembuatan Trial Mix Sampel

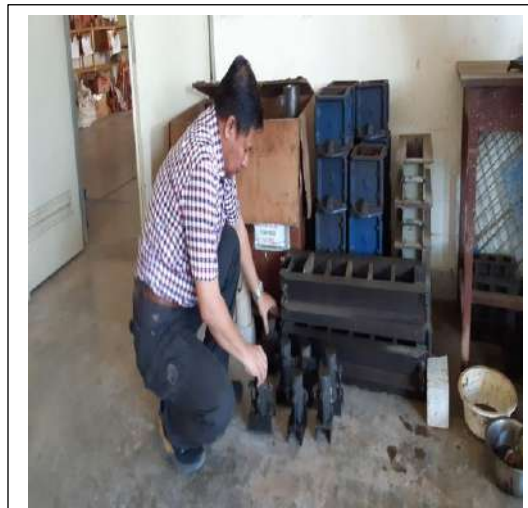


Pembuatan Sampel

### **L3. PROSES PEMBUATAN SAMPEL**



Pembuatan sampel Geopolimer



Pembuatan Sampel Geopolimer



Pembuatan benda uji



Pembuatan benda uji



Pembuatan sampel Geopolimer



Pembuatan Sampel Geopolimer



Pembuatan sampel Geopolimer



Pembuatan Sampel Geopolimer

## L4. PROSES TES/UJI SAMPEL



Pengujian tanah Laterit



Uji Tekan Sampel Geopolimer



LVDT Uji Tekan sampel Geopolimer



UTM data Logger Sampel



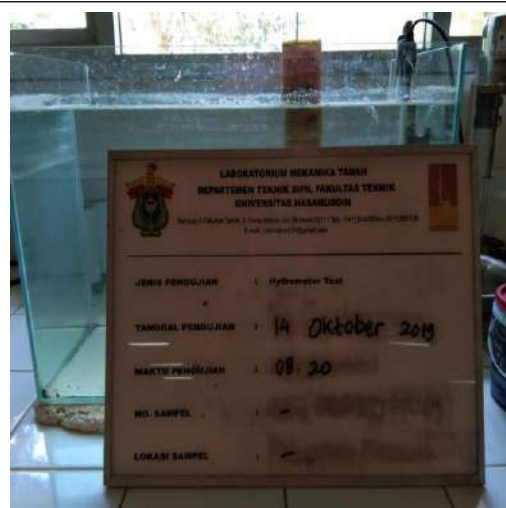
Vicat Tes Mortar Geopolimer



UTM, Data Loger, Komputer Set



Uji Tekan Mortar Geopolimer



Pembuatan Sampel Geopolimer

**L5. CURING AIR, PERENDAMAN SULFAT DAN CURING UDARA**



Pembuatan sampel Geopolimer



Pembuatan Sampel Geopolimer



Silinder benda uji



Proses pencetakan sampel



Curing Air sampel Geopolimer



Timbangan Digital Sampel 12 molar



Uji Tekan Mortar Geopolimer



Perendaman Asam Sulfat