



Illinois Department of Natural Resources

Office of Mines and Minerals

Analytical Laboratory

503 E. Main St. Benton, IL 62812

Ph: 618-439-9111

Fax: 618-438-8111

E-mail: chad.parker@illinois.gov

Project / Site Name: _____

Division / Contact: _____

Sample #	Description (type of sample)	Collection Date/Time	Comments	Metals

Metals Packages
(Indicate selections in column above.)

I: Al, Fe, Mn
II: (AMD Basic) Al, Ca, Fe, K, Mg, Mn, Na, Ni, Zn
III: Al, Ca, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Sr, Zn
IV: (AMD Enhanced) Ag, Al, As, Ca, Cd, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, Se, Zn
V: Al, B, Ca, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sr, Zn
VI: Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sr, Ti, Tl, V, Zn
ESN: Exchangeable Soil Nutrients, Ca, K, Mg, Na
SQ: Semi Quant
O: Other/Add'l _____

Soil Analyses (Please indicate required analyses.)

___pH

___S.M.P. Buffer pH

___Sulfur

___Neutralization Potential

___Available Phosphorous (P¹)

___Extractable Phosphorous (P²)

___Potential Acidity Requires Sulfur

___Net Acidity or Alkalinity Requires Soil pH, S.M.P. Buffer pH, Sulfur, Neutralization Potential

___Sum of Bases/ Cation Exchange Capacity Requires Soil pH, S.M.P. Buffer pH, Exchangeable Soil Nutrients

___Potassium Recommendation Requires Soil pH, S.M.P. Buffer pH, Exchangeable Soil Nutrients

___Phosphorus Recommendation Requires Phosphorus - Available, Phosphorus - Extractable

___Lime Requirement Requires Soil pH, S.M.P and Buffer pH

___Other: _____

Sample Collected By:	Date/Time	Relinquished To:	Date/Time	Comments:
Received By:	Date/Time	LABORATORY USE ONLY Submitted to Laboratory:	Date/Time	Laboratory Sample ID: