



**GEOLOGICAL LEGEND**

**ARCHEAN**

- 10 Late diabase dykes, Matachewan Type.
- 8 **Altered and Metamorphosed Rocks**
  - 8 (a) Carbonate rock
  - 8 (c) Chlorite-carbonate rock
- 6 **Granitoid Intrusives**
  - 6 (a) Granite
  - 6 (b) Granodiorite
  - 6 (c) Quartz Monzonite
- 5 **Mafic Intrusives**
  - 5 (a) Gabbro
  - 5 (d) Diorite
  - 5 (f) fine to medium grained mafic
  - 5 (g) med. grained felspar-phyrlic
- 4 **Sediments**
  - 4 (a) Argillite
  - 4 (c) Chert
  - 4 (g) Graphitic argillite/siltstone
  - 4 (s) Siltstone +/- argillite
  - 4 (e) Sulphide-rich exhalites
  - 4 (t) Feldspathic quartzites
- 3 **Intermediate to Felsic Volcanics & Subvolcanic Intrusives**
  - 3 (a) Rhyolite flows
  - 3 (b) Thin bedded felsic/intermediate tuff
  - 3 (c) Quartz +/- feldspar/phyrlic tuffs
  - 3 (d) Quartz +/- feldspar/phyrlic (sub-volcanic) intrusives
  - 3 (e) Quartz +/- feldspar/phyrlic flows
  - 3 (f) Felsic tuff, tuff breccia (non-phyrlic)
  - 3 (g) Felspar crystal tuff, tuff breccia
  - 3 (h) Felspar porphyry intrusives
  - 3 (k) fg felsic/intermed. dyke
- 2 **Mafic Volcanics**
  - 2 (a) Massive
  - 2 (c) Coarse grained
  - 2 (e) Variscitic (spherulitic) flows
  - 2 (f) Diabasic flow
  - 2 (b) Breccia, flow breccia
  - 2 (d) Pillowed flows
  - 2 (g) Feldspar phyrlic (andesite)
  - 2 (i) Amygdular flow

**SYMBOLS AND ABBREVIATIONS**

- drill hole, casing located
- drill hole casing not located
- drill hole with assays (projected vertically)
- claim post/line located
- approx. location claim post/line
- boundary of forest and 'clear cut'
- gravelled forestry road
- track, drilling access road
- trench
- swamp
- geological contact
- outcrop, area of outcrop
- chi chlorite alteration
- Cp chalcocopyrite
- Py pyrrhotite
- Sph sphalerite
- ser sericite alteration

**Notes**  
Compiled by A.W. Beecham, Jan. 2007

**Map Coordinates:**  
North American Datum 1983 (NAD 83)  
UTM Zone 17

○ = **assay** drill hole  
○ = **rock type**  
○ = **mineralization**



**Western Kidd Resources Inc.**  
Loveland Township,  
Northwest Timmins Area, NE, Ontario

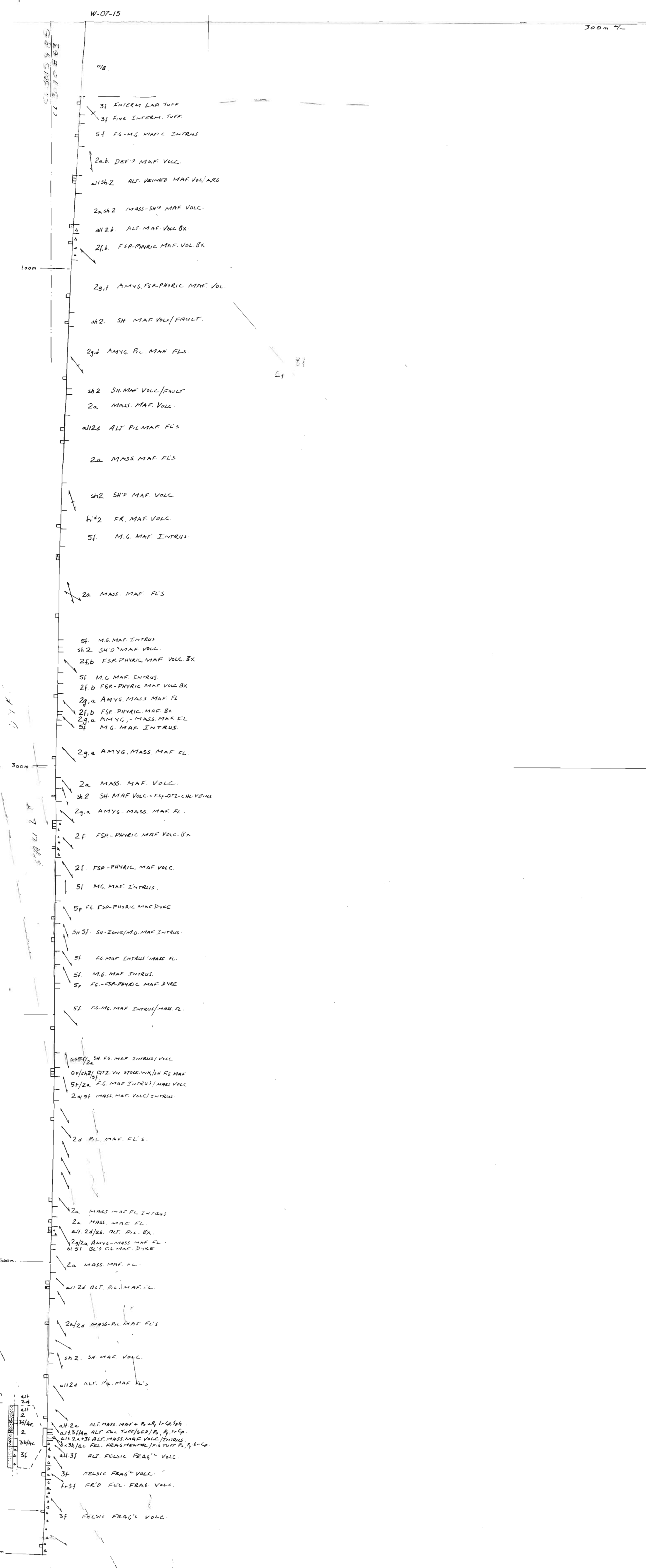
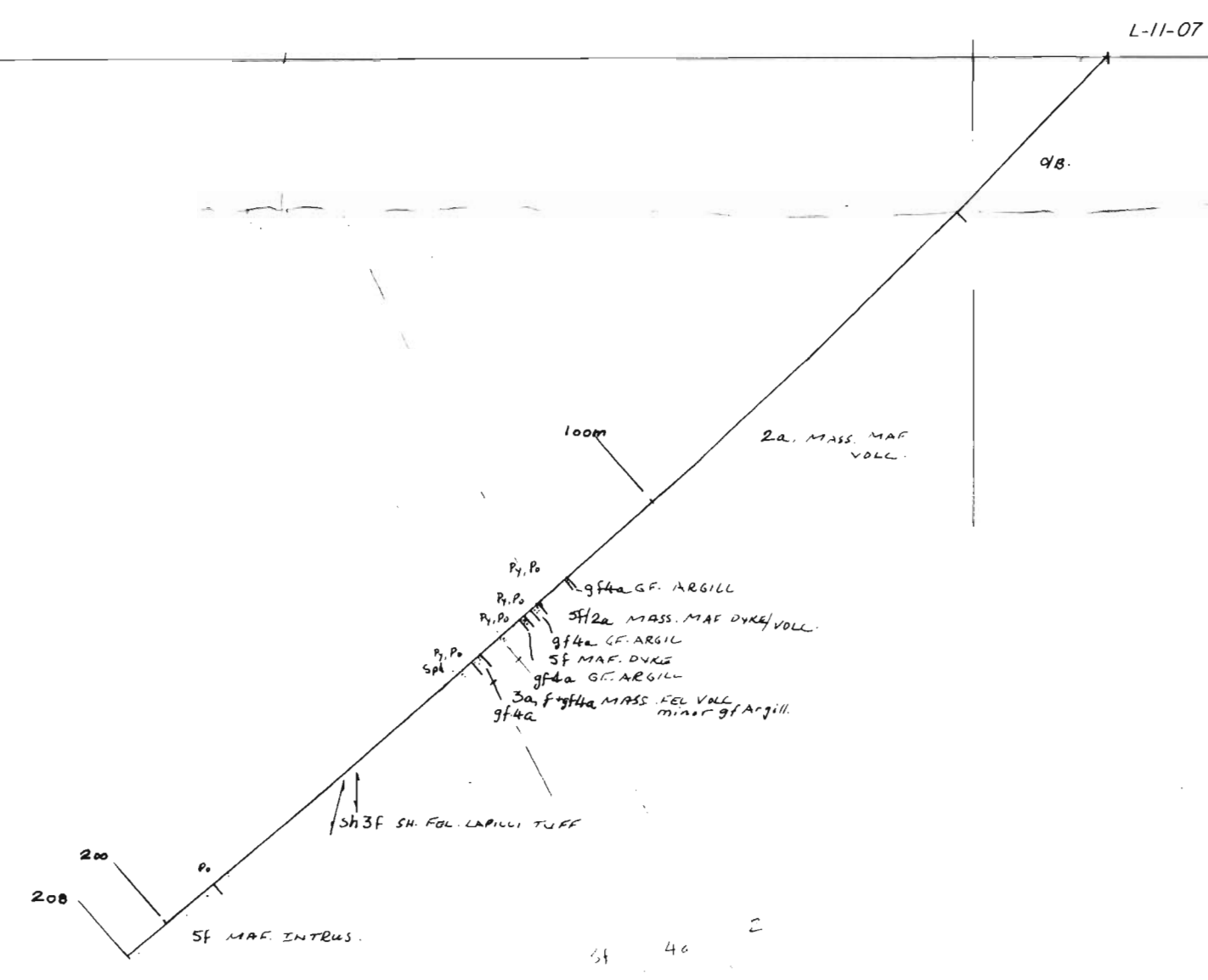
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**Diamond Drill Plan**  
**SW Part Loveland Property**

Scale: 1:5000

Drawn by: A.W. Beecham  
Date: Jan. 2007

NTS  
42-A-12



**LEGEND**

- |      |   |     |                              |
|------|---|-----|------------------------------|
| 10   | Late diabase dykes                                    |     |                              |
| 8    | <b>Altered and Metamorphosed Rocks</b>                |     |                              |
| 8(a) | Carbonate rock  | (c) | Chlorite-carbonate rock      |
| 6    | <b>Granitoid Intrusives</b>                           |     |                              |
| (a)  | Granite   |     |                              |
| (b)  | Granodiorite  |     |                              |
| (c)  | Quartz Monzonite                                      |     |                              |
| 5    | <b>Mafic Intrusives</b>                               |     |                              |
| (a)  | Gabbro  | (f) | fine to medium grained mafic |
| (b)  | Diorite   | (g) | med. grained feldspar-phyc   |
| 4    | <b>Sediments</b>                                      |     |                              |
| (a)  | Argillite   | (k) | Siltstone +/- argillite      |
| (c)  | Chert   | (m) | Sulphide-rich conglites      |
| (g)  | Graphitic argillite/siltstone                         | (j) | Feldspathic quartzites       |
| 3    | <b>Felsic Volcanics &amp; Subvolcanic Intrusives</b>  |     |                              |
| (a)  | Rhyolite flows  |     |                              |
| (b)  | Thin bedded felsic/intermediate tuff                  |     |                              |
| (c)  | Quartz (+/- feldspar)phyric tuffs                     |     |                              |
| (d)  | Quartz (+/- feldspar)phyric (sub-volcanic) intrusives |     |                              |
| (e)  | Quartz (+/- feldspar)phyric flows                     |     |                              |
| (f)  | Felsic tuff tuffs (non-phyric)                        |     |                              |
| (g)  | Feldspar crystal tuff, tuff bc                        |     |                              |
| (h)  | Feldspar porphyry intrusives                          |     |                              |
| (i)  | Ig felsic/intermed. dyke                              |     |                              |
| 2    | <b>Mafic Volcanics</b>                                |     |                              |
| (a)  | Massive   | (b) | Breccia, flow bc             |
| (c)  | Course grained  | (d) | Pillowd flows                |
| (e)  | Varicotic (spherulitic) flows                         | (f) | Feldspar phyc (andesite)     |
| (g)  | Diabasic flow   | (g) | Irregular flow               |

**ABBREVIATIONS**

- |        |                      |
|--------|----------------------|
| alt    | altered              |
| Aap    | arsenopyrite         |
| bdd    | banded               |
| bl     | bleached             |
| Cp     | chalcopyrite         |
| chl    | chlorite, chloritic  |
| ep     | epidote              |
| fg; og | fine, coarse grained |
| Fl     | flow                 |
| gf     | graphite, graphitic  |
| Gn     | garnet               |
| mi     | magnetite            |
| mg     | medium grained       |
| Py     | pyrite               |
| Py     | pyrite               |
| qv     | quartz vein          |
| Sph    | sphalerite           |
| ser    | sericite             |
| sh     | shaded               |

**Western Kidd Resources Inc.**

S.W. Loveland Township,  
Northwest Timmins Area, NE. Ontario

**Diamond Drill Hole Section**

900 N

Azimuth of Section 302°

Scale: 1:1,000