

## Evidenční list:

|                              |                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Katastrální území:           | Líšeň                                                                                                                   |
| Administrativní název obce:  | <b>Líšeň</b>                                                                                                            |
| Okres:                       | Brno-město                                                                                                              |
| Trat':                       | Čtvrť, Ausky                                                                                                            |
| Souřadnice:                  | okolí bodu N49° 11.762' E16° 42.376' (WGS-84)                                                                           |
| Kultura:                     | aurignacien                                                                                                             |
| Areál:                       | sídliště                                                                                                                |
| Druh nálezů:                 | sídliště                                                                                                                |
| Aktivity:                    | sídlitní                                                                                                                |
| Doba výzkumu:                | srpen 2009                                                                                                              |
| Vedení výzkumu:              | Petr Škrdla, Gilbert Tostevin                                                                                           |
| Technická spolupráce:        | Ondřej Mlejnek, Ladislav Nejman, Petr Matějec,<br>Daniel Nývlt, Lenka Lisá, Miriam Nývtová Fišáková,<br>Šárka Hladilová |
| Inv. čísla:                  | viz přílohy                                                                                                             |
| Uložení terénní dokumentace: | ARUB                                                                                                                    |
| Uložení nálezů:              | ARUB                                                                                                                    |
| Zprávu podává:               | Petr Škrdla                                                                                                             |

V Brně, 11/XI 2009

Petr Škrdla, v.r.



## Úvod

Lokalita, známá v literatuře jako Líšeň-Čtvrtě, zahrnuje dle mapy Stabliního katastru polní tratě „Přední čtvrtky“ (v okolí kóty Čtvrtě – Swiertie Berg) a „Ausky“ (jižní část pole směrem k mezi nad tratí „Kriežmusy“). Východně, oddělená polní cestou z Líšně do Podolí je trať „Hrubé podsedky“ (cf. Oliva 1985).

Lokalita byla objevena někdy v 30. letech 20. století (Schirmeisen 1932 zmiňuje nálezy mezi Stránskou skálou a Lišní, není ale jisté, zda-li jde o Čtvrtě). Naleziště sledovala řada sběratelů a podstatné kolekce shromáždili zejména P. a R. Ondráčkovi. Povrchovému průzkumu lokality se v různých obdobích věnovali i autoři tohoto příspěvku, konkrétně P. Škrdla v 80. a 90. letech 20. století (souhrnně Škrdla 2000) a P. Matějec na počátku 21. století (dosud nepublikováno, kolekce bude předmětem referentovy bakalářské práce). Průzkumy pokračují dodnes (např. Mlejnek, příspěvek v tomto čísle). Bohaté nálezy publikovali zejména K. Valoch (1962) a J. Svoboda (1987).

Lokalita byla vždy považována za povrchovou a přestože je známo, že v její severní části jsou v podloží spraše, sondáže s cílem nalezení stratifikované polohy s artefakty nebyly úspěšné (cf. Svoboda 1985). Pouze přibližně 1 km severozápadně od kóty Čtvrtě zdokumentoval B. Klíma (1959) přítomnost indiferentních úštěpů 80 cm hluboko ve spraši, které ale s osídlením Čtvrtí pravděpodobně nesouvisí. Proto bylo překvapením, když P. Matějec oznámil nálezy fosilních koňských zubů (*Equus germanicus*; za určení jsme zavázáni M. Nývltové Fišákové) v doprovodu artefaktů štípané kamenné industrie z prostoru jihovýchodně od kóty Čtvrtě. K prvnímu nálezu zubů došlo již roku 2006 (jedna celá stolička a fragment další stoličky), v roce 2007 byl v silně fragmentálně zachovalém stavu nalezen další zub a z průzkumu v roce 2008 pochází dva celé zuby (obr. 5). Pokaždé bylo místo nálezu podrobně zaznamenáno. Protože jsou fosilní zuby na lokalitě indikátorem existence intaktních vápnitých poloh, bylo přistoupeno k opakovanému (nejprve povrchovému) průzkumu okolí místa, kde byly zuby nalezeny. Při podrobné analýze artefaktů štípané kamenné industrie z prostoru nálezu fosilních koňských zubů bylo konstatováno, že na povrchu řady artefaktů se dochovala krusta tvořená vysráženým uhličitánem vápenatým (obr. 6) – tedy další nesporná indicie stratifikovaného nálezového horizontu v podloží. Místo bylo několikrát navštíveno a byla získána nevelká kolekce kamenných artefaktů. Nálezy vystupují na svazích mírné deprese, snad nejvrchnější partie zaorané strže, která směřuje směrem k Podolí. Za pozornost stojí skutečnost, že v tomto prostoru nebyly žádné artefakty dříve nalézány (nepubl. poznámky P. Škrdly). Později jsme přistoupili k zaměřování každého nalezeného artefaktu a ukázalo se, že vyorávané artefakty se koncentrovaly v okolí stejné vrstevnice po celém obvodu strže a podporovaly domněnku o přítomnosti stratifikované vrstvy (zaměřování bylo prováděno pouze v trati „Hrubé podsedky“). Obvod strže v trati Hrubé podsedky byl sledován již od r. 2004. Zatímco z prvního roku průzkumu pocházejí pouze 4 paleolitické artefakty, v následujícím roce 2005 byla artefaktů paleolitického stáří nalezena desítky. I v následujících dvou letech 2006 a 2007 se počet vyorávaných artefaktů zvyšoval a jejich plošný rozptýl se rozšiřoval. Nejpočetnější soubor (65 ks) z tohoto místa pochází z roku 2008. Je tedy možné konstatovat, že počet nalézáných artefaktů se v těchto místech každým rokem navyšuje a jejich koncentrace se rozšiřují. Jev je způsoben pravděpodobně nejen intenzivní zemědělskou činností, ale i přírodními erozními vlivy.

## Zjišťovací sondáž v roce 2008

V místě nálezů fosilních zubů byla v měsících září, říjnu a prosinci 2008 vyhloubena série 7 sond s cílem ověřit stratigrafickou pozici nálezů. 6 sond bylo vyhloubeno ve vzdálenosti 135-150 m východojihovýchodně kóty Čtvrtě, 1 sonda (LC07) pak 170 m východně kóty Čtvrtě již v trati „Hrubé podsedky“. Dvě ze sond zachytily koncentraci nálezů situovaných v relikttech intaktních sedimentů těsně pod ornici (LC01 – obr. 7 a LC03), další dvě pouze ojedinělé artefakty (LC05, LC07) a tři byly zcela bez nálezů. Pouze v jedné ze sond jsme zachytili rozptýlené uhlíky (LC06), ale vzhledem k absenci artefaktů v této sondě jejich vztah k paleolitickému nálezovému horizontu není jistý. K ověření stratigrafické pozice nálezů bude třeba provést větší odkryv, který je plánován na léto 2009 v prostoru sondy LC01. Souřadnice sondy LC01 je 49°11.762'N, 16°42.376'E (WGS-84). Souřadnice sondy LC07 v trati Hrubé podsedky je 49°11.785'N, 16°42.400'E (WGS-84).

Z nálezů, které byly získány ze sondy LC01, stojí za pozornost jednopodstavové jádro z rohovce typu Stránská skála (obr. 8:6) a hrubé drásadlo z křemene (obr. 8:9). Povrchovým průzkumem v místě sond byly mimo jiné získány další artefakt z křemene – levalloiské jádro (obr. 8:4), strmě retušované škrabadlo na krátkém úštěpu pravděpodobně eratického silicitu (obr. 8:1), další škrabadlo z blíže neurčené opál-chalcedonové zvětraliny (obr. 8:2) a série artefaktů z rohovce typu Stránská skála – distální zlomek ventroterminálně retušovaného hrotu (obr. 8:2), škrabadlo na levalloiském úštěpu (obr. 8:5), jednopodstavové jádro (obr. 8:7), strmě retušované škrabadlo na čepeli z hrany jádra (obr. 8:8) a protisměrně těžené jádro (obr. 8:9). Z technologicko-typologického pohledu jsou přítomny artefakty typické pro bohunicien, ale přítomnost jednopodstavových jader a strmě retušovaných škradel signalizují i možnou přítomnost aurignacien, která je zřejmá i z povrchové kolekce (cf. Škrdla 2000).

Úspěšné sondáže naznačily potenciál lokality Líšeň-Čtvrť respektive Hrubé podsedky pro další výzkumy časně mladopaleolitického osídlení Brněnské kotliny. Proto byl v létě 2009 proveden větší odkryv.

### **Výzkum v roce 2009**

V měsíci srpnu 2009 jsme odkryli plochu o rozloze 18,5 metrů čtverečních v bezprostřední blízkosti sond LC01 a LC02 (jižně od sond).

Výzkum byl proveden za využití standardizované metodiky pro provádění paleolitických výzkumů (cf. Bohunice 2002, Škrdla – Tostevin 2005; Tvarožná 2008, Škrdla et al. 2009). Nadložní sedimenty (ornice, spraš) byly snímány pomocí ručního nářadí. Průzkum půdních sedimentů, které obsahovaly nálezy, probíhal pomocí špachtlí a prokopané sedimenty (celý objem) byly ve vzorcích o objemu 10 litrů proplavovány na sítích o rozměru oka 3 mm. V místě lokality byl vytýčen relativní souřadný systém opřítovaný podle světových stran (magnetický sever je shodný s kladným směrem osy X). Tento systém byl fixován k nedaleké kótě Čtvrť. Všechny štípané kamenné artefakty a další předměty (osteologický materiál, barvivo, manuporty), které byly větší než 1,5 cm a které byly rozpoznány již během špachtlování, byly zaměřeny pomocí totální stanice. Zaměřena byla i poloha všech plavených vzorků. Tyto byly kódovány pomocí pětimístného alfabetského kódu aby bylo zamezeno jejich záměně. Veškeré vyplavené předměty byly shromažďovány a v laboratoři tříděny. Analýza distribuce (vertikální a horizontální) štěrků a její porovnání s distribucí archeologického materiálu umožní studium sedimentace nálezového horizontu.

### **Stratigrafické poměry lokality**

Při výzkumu na lokalitě Líšeň-Čtvrť byl ve studovaných odkryvech zastižen následující vrstvení sled. Svrchních obvykle 20 cm bylo tvořeno světle hnědou jílovito-prachovitou ornici s ostrou bází, která včetně homogenosti dané vrstvy jasně ukazuje na intenzivní zemědělskou činnost a pravidelnou orbu. Mocnost ornice je nerovnoměrná, někde dosahuje jen několika centimetrů, kromě toho je na některých místech patrně ostrý přechod do málo mocné podložní spraše. Z toho je zřejmé, že povrchový odnos materiálu byl na lokalitě velmi intenzivní a toto přispělo k častým povrchovým nálezům artefaktů. V podloží ornice je na některých místech zachován B-horizont půdy, kterou lze předběžně označit za kambizem. Její přesné typologické zařazení bude možné až po mikromorfologickém zpracování odebraných vzorků. Pokud by se jednalo opravdu o kambizem, potom by bylo jisté zalesnění tohoto území po převážnou část holocénu a současné odlesnění muselo být spojené s rozšiřováním zemědělských ploch zřejmě až v historické době. Podložní spraš jsou zachována jen v reliktu, většinou v mocnosti 10–20 cm. Podložní jílovito-prachovité sedimenty o mocnosti nejčastěji 20–30 cm, které obsahují největší množství archeologických a osteologických nálezů lze označit za koluviálně přemístěné půdní sedimenty. Nejspodnější část profilu je pak tvořena tence laminovanými prachovitými geliflukčními prachovitými sedimenty. Litologicky naznačují, že se může jednat o plošnou geliflukci přemístěné převážně eolické sedimenty (možná spraš či sprašové hlíny). Tyto sedimenty pokračují až do hloubky 180 cm, kde byl studovaný profil ukončen. Další detailní výzkumy upřesní popis a především genezi a geochronologii jednotlivých popisovaných sedimentárních vrstev.

### **Horizontální a vertikální rozptyl nálezů ze sondy z roku 2009**

Artefakty štípané kamenné industrie jsou rozptýleny v ploše rovnoměrně. Kumulace tvoří pouze drobné artefakty z výplavu. V profilu artefakty tvoří kompaktní nálezový horizont o mocnosti přibližně 40 cm bez možnosti jemnějšího členění. Skládanky naznačují, že zlomené artefakty jsou od sebe vzdáleny více než mrazem vzniklé zlomky, což lze interpretovat jako minimální postdepoziční posuny v sedimentu.

### **Štípaná kamenná industrie ze sondy z roku 2009**

Surovinovému spektru kolekce dominuje rohovec typu Stránská skála, který doplňují eratický silicit (2 ks), sluňák (2 ks), křídový spongiový rohovec (1 ks), blíže neurčený moravský jurský rohovec (1 ks) a 4 kusy nebyly určeny z důvodu přepálení. Hodnoceny byly pouze artefakty zaměřené ve třech souřadnicích, artefakty z výplavu jsou většinou příliš drobné na spolehlivou identifikaci suroviny.

V technologickém spektru převažují úštěpy (25 ks) doprovázeny jádry (13 ks), čepelemi (4 ks), zlomky čepelí (8 ks), zlomky (4 ks), kusy suroviny se stopami opracování (3 ks), mikroúštěpy (2 ks), mikročepelí (1 ks) a třemi nástroji. Jádra jsou většinou ve stadiu rezidua, objevují se ale i připravená a kusy suroviny se stopami opracování. Ve dvou případech je silicitová hmota jádra zarostlá v kusu matečné horniny. Jádra jsou těžená většinou z jedné podstavky, na některých exemplářích je ale patrná i změna orientace nebo reparace z protilehlé podstavky. Těžební plocha nenese stopy přípravy – facetování. Za pozornost stojí zlomek čepele, který tvarem i směry negativů na dorsální straně artefaktu dokládajícím bipolární redukci připomíná artefakt bohunicienu. Bohužel, tento artefakt není zcela průkazný. Protisměrná těžba byla zaznamenána ve více případech (zejména na jádrech), ale ani v jednom případě se nejedná o artefakt, který by se dal spolehlivě přiřadit k bohunicienu.

Nástroje byly nalezeny pouze tři – škrabadla. První škrabadlo je vyčnělé na zlomku čepele z eratického silicitu, zbývající dvě jsou strmě retušovaná škrabadla na polotovarech na čepelích z rohovce typu Stránská skála.

#### **Osteologický materiál ze sondy z roku 2009**

Dochovala se řada silně erodovaných fragmentů osteologického materiálu, což je v prostředí interstadiálních sedimentů vzácné. Byly nalezeny pozůstatky koně sprašového a malého savce (velikost lišky). Třetina kostí byla spálena.

#### **Další nálezy ze sondy z roku 2009**

Jeden z artefaktů je zlomek valounu pískovce, který mohl pravděpodobně sloužit jako otloukač nebo drtič.

Ve výplavu bylo nalezeno 7 ks okrově-hnědého barviva (limonit), které je známé z lokality Stránská skála v kontextu bohunicí (cf. Přichystal, Svoboda, Škrdla 2003, 64).

Ve výplavu byla nalezena ojedinělá silně naleptaná ulita fosilního plže. Podle Š. Hladilové jde o druh *Pirenela picta* ssp. ze sarmatských sedimentů Vídeňské pánve. V ulitě je stopa po mechanickém poškození, které může představovat antropogenní zásah. Z důvodu silného naleptání se ale na jeho hranách nedochovaly výrobní stopy a intencionalitu otvoru nelze bezpečně prokázat. Lokalizace otvoru ale podporuje interpretaci, že jde o otvor pro zavěšení. Horní část spiry chybí.

#### **Závěr**

Výzkumem byla doložena přítomnost intaktních interstadiálních sedimentů, které obsahují pozůstatky osídlení z počáteční fáze mladého paleolitu. Byla získána menší kolekce štípané kamenné industrie, kterou lze klasifikovat nejspíše jako aurignackou (na základě strmě retušovaných škradel, drobných čepelek, jednopodstavových jader bez přípravy úderové plochy facetováním). Z ostatních nálezů lze zmínit přítomnost osteologického materiálu, barviva a především ulity fosilního plže se stopami otvoru pro zavěšení – který představuje první nález tohoto druhu na Moravě.

Vzhledem k poloze nálezového horizontu bezprostředně pod ornici a k intenzivní erozi v prostoru výzkumu by bylo vhodné na lokalitě provést rozsáhlejší odkryv.

**Průzkum i výzkum byl realizován za podpory grantového projektu GA AV ČR A800010801.**

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## Obrazová příloha



**Obr. 1. Lišeň. Poloha zkušebních sond (čtverečky) a poloha lokality (šipka). Kroužky a trojúhelníky znázorňují rozptýl povrchového nálezu.**



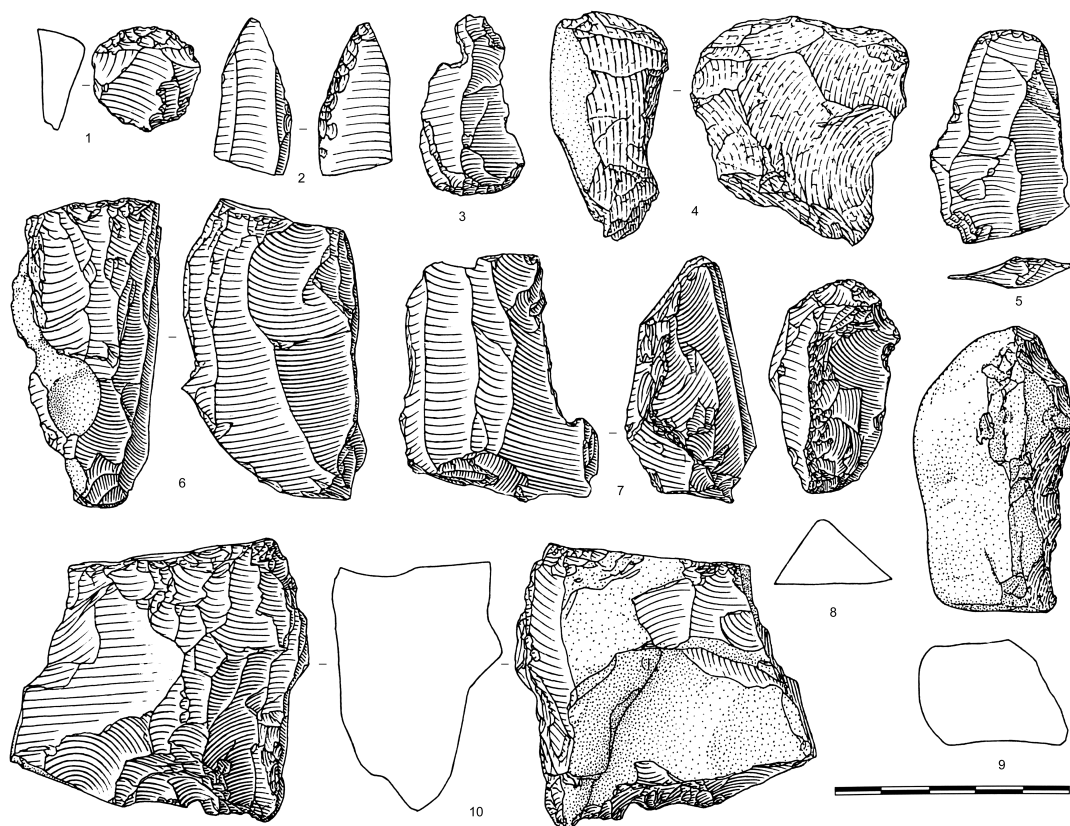
**Obr. 2. Lišeň. Fossilní koňské zuby nalezené na povrchu.**



*Obr. 3. Líšeň. Artefakty s vysráženým uhličitánem vápenatým nalezené na povrchu.*



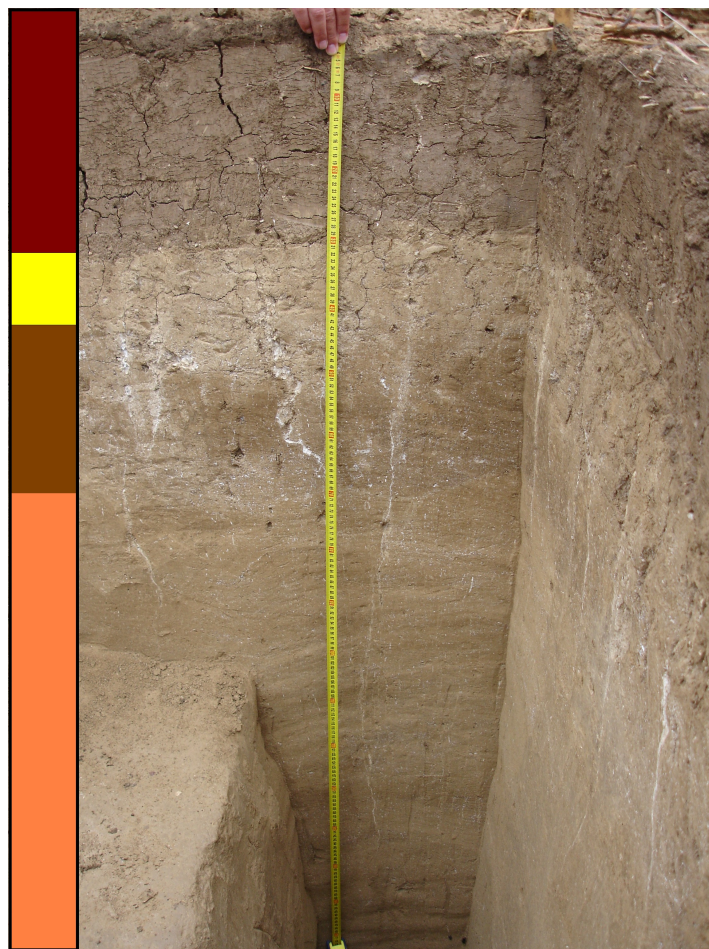
*Obr. 4. Líšeň. Sonda LC01. Šipky označují artefakty.*



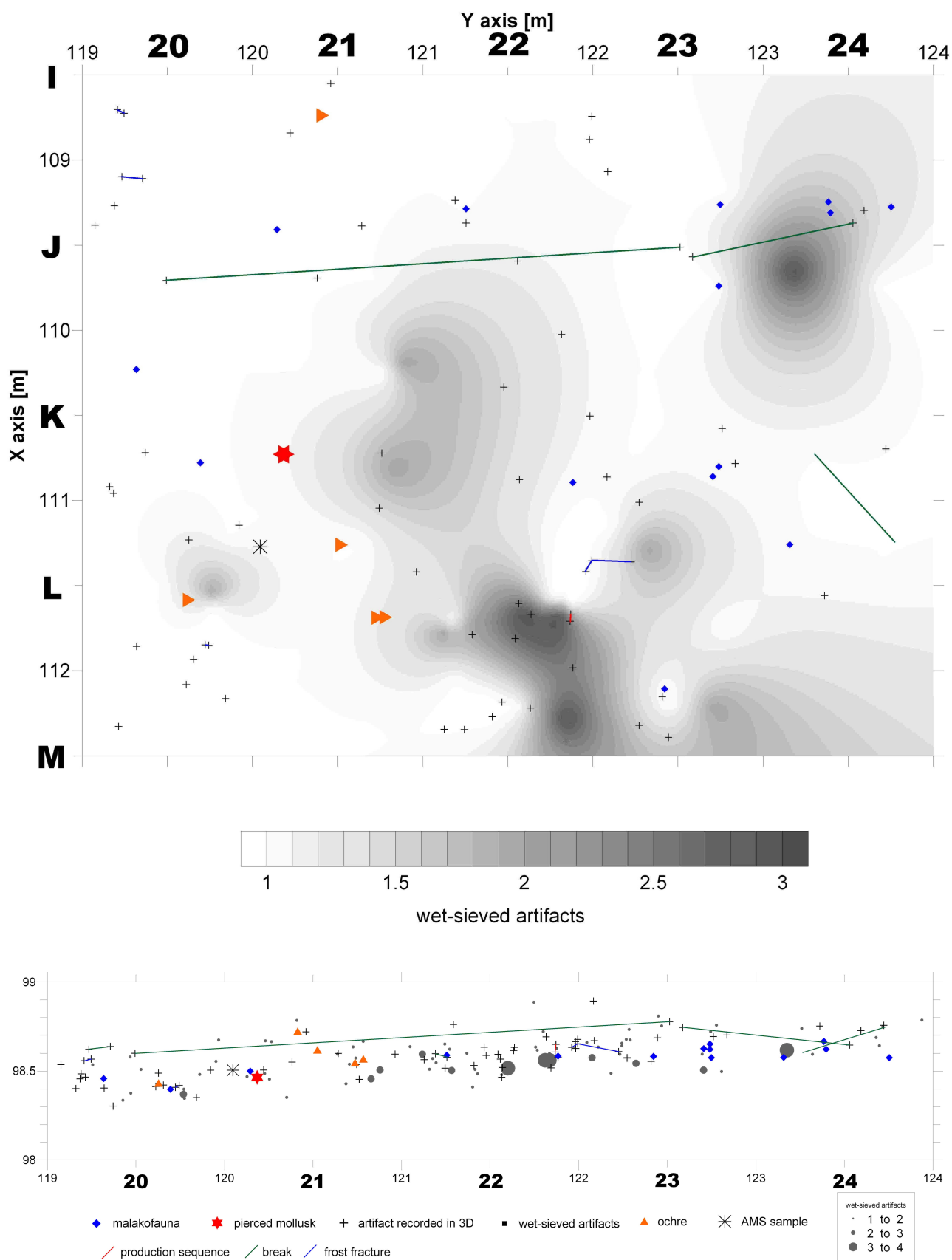
**Obr. 5. Líšeň. Vybrané artefakty. 6,9: Sonda LC01, ostatní povrchové nálezy z okolí sond.**



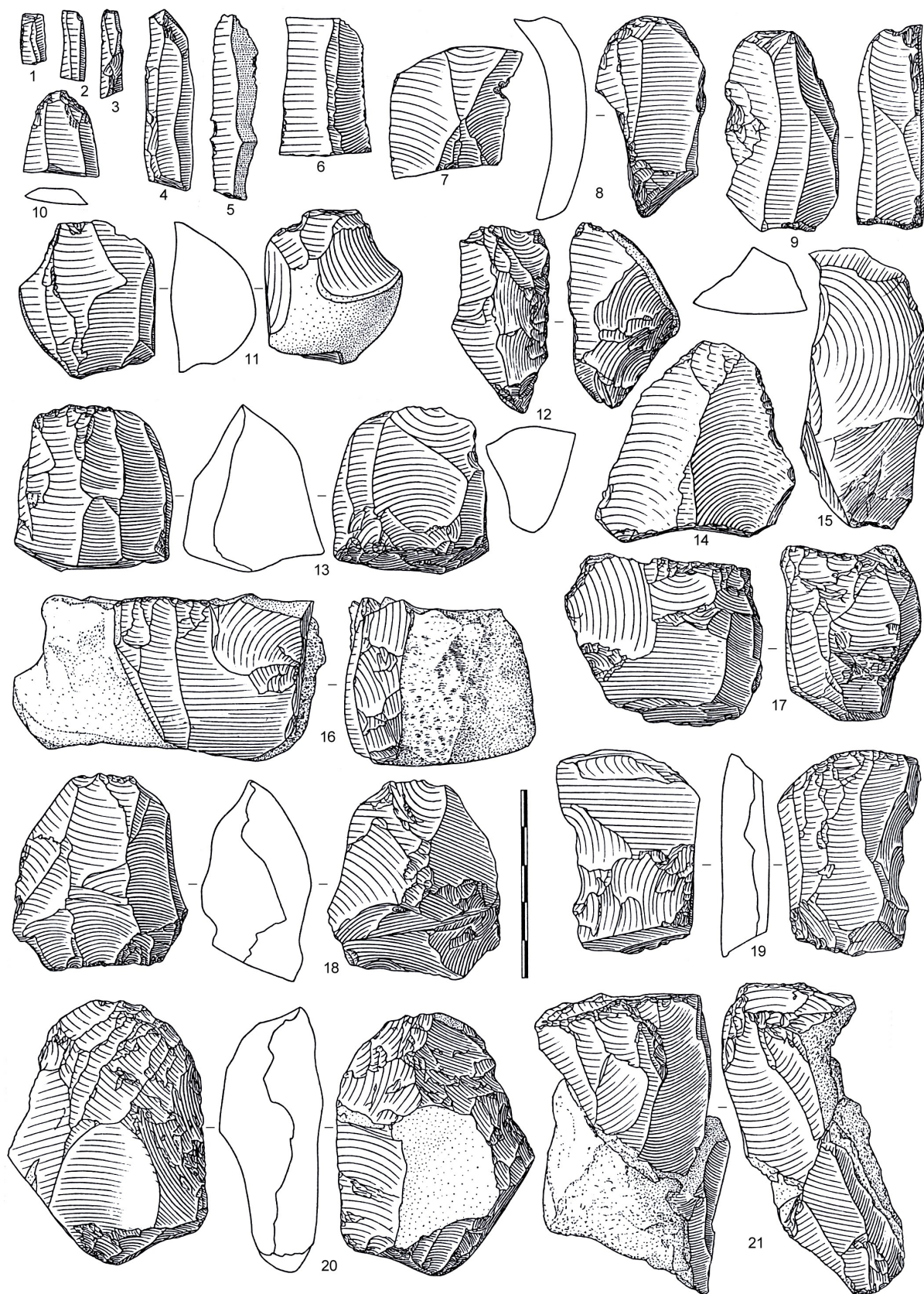
**Obr. 6. Líšeň. Pohled na výzkum v roce 2009.**



*Obr. 7. Líšeň. Stratigrafie výzkumu v roce 2009. Popis vrstev (od vrchu dolů): ornice, spraš, půdní sediment s nálezy, podložní sediment.*



**Obr. 8. Líšeň. Plošný a vertikální rozptyl nálezů ve výzkumu v roce 2009.**



*Obr. 9. Líšeň. Vybrané nálezy z výzkumu v roce 2009.*



*Obr. 10. Líšeň. Ostatní nálezy z výzkumu v roce 2009. Barvivo (nahore) a ulita fosilního plže s otvorem (dole).*

## Přílohy

### Příloha 1

Soupis artefaktů štípané kamenné industrie zaměřených ve třech souřadnicích

| inv. číslo | surovina            | technologie | typologie |
|------------|---------------------|-------------|-----------|
| I20-1      | SS                  | JD          |           |
| I20-2      | SS                  | JD          |           |
| I21-1      | SS                  | UST         |           |
| I21-3      | SS                  | CEP         |           |
| I22-2      | SS                  | CEPZL       |           |
| I22-3      | SS                  | JD          |           |
| J20-1      | SS                  | UST         |           |
| J20-2      | SS                  | UST         |           |
| J20-3      | SS                  | CEP         |           |
| J20-4      | SGS                 | TYP         | ES        |
| J20-5      | SS                  | CEPZL       |           |
| J21-1      | SS                  | UST         |           |
| J21-2      | SS                  | UST         |           |
| J22-3      | SS                  | UST         |           |
| J22-4      | SS                  | UST         |           |
| J22-7      | SS                  | UST         |           |
| J23-1      | SS                  | CEPZL       |           |
| J23-2      | SS                  | RAWMAT      |           |
| J23-3      | SS                  | CEPZL       |           |
| J24-1      | SS                  | UST         |           |
| J24-2      | SS                  | RAWMAT      |           |
| J41-1      | BURNT               | ZLM         |           |
| J41-2      | SS                  | CEP         |           |
| J41-4      | SS                  | UST         |           |
| K20-1      | SS                  | JD          |           |
| K20-3      |                     | ECOFACT     |           |
| K20-5      |                     | ECOFACT     |           |
| K21-2      | SS                  | TYP         | ES        |
| K22-1      | SLUNAK              | UST         |           |
| K22-2      | SS                  | UST         |           |
| K22-3      | SPONG (det. Prichy) | CEPZL       |           |
| K22-4      | SS                  | TYP         | ES        |
| K23-1      | SS                  | UST         |           |
| K23-2      | SS                  | CEPZL       |           |
| K23-3      | SS                  | JD          |           |
| K24-1      | SS                  | UST         |           |
| L20-1      | SS                  | UST         |           |
| L20-2      | SS                  | JD          |           |
| L20-3      | SS                  | JD          |           |
| L20-4      | SS                  | JD          |           |

|       |                   |         |
|-------|-------------------|---------|
| L20-6 | MJR (det. Prichy) | UST     |
| L20-7 | SS                | JD      |
| L21-1 | SS                | UST     |
| L21-2 | SS                | JD      |
| L22-1 | SS                | UST     |
| L22-2 | SS                | JD      |
| L22-3 | SS                | JD      |
| L22-4 | SS                | UST     |
| L22-5 | SS                | UST     |
| L22-6 | SLUNAK            | UST     |
| L22-7 | SS                | UST     |
| L22-8 |                   | ECOFACT |
| L22-9 | SS                | JD      |
| L23-3 | SS                | ZLM     |
| L23-4 | SS                | CEPZL   |
| L24-1 | SS                | ZLM     |
| M20   | SS                | RAWMAT  |
| M20-2 | SS                | UST     |
| M20-3 | SS                | CEP     |
| M22-1 | SS                | MUST    |
| M22-3 | SS                | MCEP    |
| M22-4 | SS                | MUST    |
| M22-5 | BURNT             | ZLM     |
| M22-6 | SS                | UST     |
| M22-7 |                   | ECOFACT |
| M23-1 | SGS               | CEPZL   |
| M23-2 | SS                | UST     |
| M23-3 |                   | ECOFACT |

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#### **Klíč:**

##### **1. surovina**

BURNT – přepáleno

SS – rohovec typu Stránská skála

SPONG – křídový spongiový rohovec

MJR – moravský jurský rohovec

SGS – eratický silicit

SLUNAK – dražanský křemenec - sluňák

##### **2. technologie**

CEP – čepel

CEPZL – zlomek čepel

CEPZLMR – zlomek čepel s místní retuší

ECOFACT – není artefakt

JD – jádro

MCEP – mikročepel

TYP – nástroj

UST – úštěp

MUST – mikroúštěp

RAWMAT – surovina se stopami opracování

USTMR – úštěp s místní retuší

ZLM – zlomek

##### **3. typologie**

ES – škrabadlo (1)

**Příloha 2****Soupis nálezů štípané kamenné industrie z výplavů**

| kód výplavu | počet artefaktů |
|-------------|-----------------|
| M22-EVTLN   | 1               |
| M21-PSKTH   | 1               |
| L24-PDQBM   | 1               |
| K23-WYUEI   | 1               |
| I22-YWCTI   | 1               |
| L22-FFIGT   | 1               |
| J23-CBHPZ   | 1               |
| L20-DJVMD   | 1               |
| J21-BXZTH   | 1               |
| L21-WHZYG   | 1               |
| J23-CVKRI   | 1               |
| L22-JQSOW   | 1               |
| L20-IUWAS   | 1               |
| J24-PJDYA   | 1               |
| L23-RRZBS   | 1               |
| J21-VUENW   | 1               |
| I20-HPXNL   | 1               |
| L20-JZGLG   | 1               |
| M20-OYGCO   | 1               |
| M21-HQBNE   | 1               |
| K24-EHBZD   | 1               |
| K21-VUJOV   | 1               |
| M22-EHGOL   | 1               |
| I21-EAMNP   | 1               |
| I20-KGLEQ   | 1               |
| I22-EVLSS   | 1               |
| L22-AASIP   | 1               |
| J21-FPEKH   | 1               |
| M22-ABHAD   | 1               |
| M23-PHEYX   | 1               |
| M22-SZJGJ   | 1               |
| M22-AFCDB   | 1               |
| K23-GLPZI   | 1               |
| K23-IUJWZ   | 1               |
| I22-RVGGJ   | 1               |
| I21-KKBYR   | 1               |
| M21-UYWBZ   | 1               |
| K21-FCQLG   | 1               |
| M23-LXBJZ   | 1               |
| K20-YACPX   | 1               |
| M22-IZEXX   | 1               |
| L23-BJKXK   | 1               |
| L21-YTOFU   | 1               |

|           |   |
|-----------|---|
| K24-GCDUJ | 1 |
| L24-TTLKT | 1 |
| L23-LLSZD | 1 |
| M23-UFUPQ | 1 |
| J20-BWPHC | 1 |
| M22-JKJPY | 1 |
| K23-CPSJE | 1 |
| I22-KBYFC | 1 |
| L24-YYPND | 1 |
| J23-EPUXS | 1 |
| L20-VOSYX | 1 |
| J22-UZOQI | 1 |
| L21-WRHKP | 1 |
| J23-SUSVK | 1 |
| J23-ICYPD | 1 |
| L20-JVYIL | 1 |
| L22-TNWKT | 1 |
| J22-MVMTQ | 1 |
| J21-LXNYF | 1 |
| L21-SMHHE | 1 |
| L22-QUZNX | 1 |
| K23-QLSFJ | 1 |
| L23-NXMUH | 1 |
| L22-EMNIJ | 2 |
| L22-CHUBY | 2 |
| L23-SJUJE | 2 |
| M23-IRXWE | 2 |
| M23-EKTIY | 2 |
| K21-HPHFM | 2 |
| L20-OJWVC | 2 |
| K21-PRDBA | 2 |
| M22-BAKIC | 3 |
| J24-JBKUM | 3 |
| L22-ITFLY | 3 |
| L22-ATLTE | 3 |

### **Příloha 3**

#### **Soupis ostatních nálezů**

| inv. číslo/kód výplavu | popis         | počet |
|------------------------|---------------|-------|
| L21-3                  | manuport      | 1     |
| L21-VYXJJ              | barvivo       | 2     |
| L21-YPVGQ              | barvivo       | 1     |
| I21-EAMNP              | barvivo       | 1     |
| L20-JLIVU              | barvivo       | 1     |
| L21-WHZYG              | barvivo       | 1     |
| K21-IQXNQ              | plž s otvorem | 1     |

**Příloha 4****Soupis odebraných vzorků uhlíků**

| číslo vzorku | poznámka      |
|--------------|---------------|
| I22-1        |               |
| J22-1        |               |
| L23-1        |               |
| I21-2        |               |
| J22-2        |               |
| K20-2        |               |
| L23-2        |               |
| M22-2        |               |
| J21-3        |               |
| J41-3        |               |
| I21-4        |               |
| J21-4        |               |
| K20-4        |               |
| L21-4        | zaslán na AMS |
| J22-5        |               |
| L20-5        |               |
| J22-6        |               |

**Příloha 5****Soupis nálezů malakofauny**

| kód výplavu | počet |
|-------------|-------|
| J21-IXBIV   | 1     |
| J22-KEHJR   | 1     |
| J23-FOYTA   | 1     |
| J23-GSZAS   | 1     |
| J24-BXQLX   | 1     |
| J24-THMPN   | 1     |
| J24-WVMPI   | 1     |
| K20-OKSKO   | 1     |
| K20-WCWDX   | 1     |
| K21-IQXNQ   | 1     |
| K22-KZGHM   | 1     |
| K23-EBPBE   | 1     |
| K23-WYUEI   | 1     |
| L24-VSJXD   | 1     |
| M23-PHEYX   | 1     |

**Příloha 6**  
**Databáze skládanek**

| inventární číslo/kód výplavu | typ skládanek     |
|------------------------------|-------------------|
| L20-3 + L20-4                | MRÁZ/FROST        |
| L22-2 + L22-3 + L23-3        | MRÁZ/FROST        |
| J22-3 + J22-4                | LOM/BREAK         |
| I20-1 + I20-2                | MRÁZ/FROST        |
| J23-1 + J20-5                | LOM/BREAK         |
| J20-1 + J20-2                | LOM/BREAK         |
| J24-2 + J23-2                | LOM/BREAK         |
| L22-4 + L22-5                | SEKVENCE/SEQUENCE |
| K24-GCDUJ + L24-TTLKT        | LOM/BREAK         |
| K23-XCKMI + K23-GLPZI        | MRÁZ/FROST        |
| J24-JBKUM -3x                | LOM/BREAK         |
| L22-ITFLY - 2x               | SEKVENCE/SEQUENCE |

**Příloha 7**  
**Databáze osteologického materiálu**

| Inventární číslo/kód výplavu | počet | druh                          | identifikace        |
|------------------------------|-------|-------------------------------|---------------------|
| M21-1                        | 1     | ph I                          | kůň sprašový        |
| J20-6                        | 1     | fragment žebra?               | kůň sprašový?       |
| J20-7                        | 1     | fragment dlouhé kosti         | ?velký savec        |
| K21-1                        | 3     | fragmenty kostí               | ?velký savec        |
| K22-TBABC                    | 3     | fragmenty kostí               | neidentifikovatelné |
| K20-WMVCM                    | 4     | fragmenty spálených kostí     | neidentifikovatelné |
| J20-KYQPX                    | 1     | spálený fragment dlouhé kosti | malý savec          |
| L23-LFKVK                    | 1     | fragment spálené kosti        | malý savec          |
| J23-UWIJO                    | 1     | fragment spálené kosti        | malý savec          |
| J20-IVLWR                    | 5     | fragmentů kostí               | neidentifikovatelné |
| J20-GKNPO                    | 2     | fragmenty kostí               | neidentifikovatelné |
| J20-GRSIG                    | 9     | fragmentů kostí               | neidentifikovatelné |
| J20-YZZGP                    | 2     | fragmenty kostí               | neidentifikovatelné |
| J20-BGJFQ                    | 2     | fragmenty kostí               | středně velký savec |
| J20-IMFJV                    | 3     | fragmenty kostí               | neidentifikovatelné |
| K22-KPTRN                    | 9     | fragmentů kostí               | neidentifikovatelné |
| K22-WKMKU                    | 4     | fragmenty kosti               | velký savec         |

**Příloha 8**  
**Databáze měřených bodů**

| UNIT  | ID    | SUFFIX | LEVEL       | CODE   | X      | Y      | Z     | DATE      | TIME     |
|-------|-------|--------|-------------|--------|--------|--------|-------|-----------|----------|
| BBB23 | POOPS |        | SURFACE     | TOPO   | 72,7   | 122,76 | 99,69 | 8.8.2009  | 11:27:40 |
| BBB24 | UWYBC | 0      | SURFACE     | TOPO   | 72,17  | 123,77 | 99,75 | 8.8.2009  | 11:23:05 |
| CCC23 | POOPS |        | SURFACE     | TOPO   | 71,68  | 122,18 | 99,71 | 8.8.2009  | 11:26:13 |
| CCC24 | POOPS |        | SURFACE     | TOPO   | 71,13  | 123,21 | 99,75 | 8.8.2009  | 11:28:00 |
| I20   |       | 1      | 0 UPPERSOIL | FLINT  | 108,7  | 119,21 | 98,56 | 13.8.2009 | 15:58:12 |
| I20   |       | 1      | 1 UPPERSOIL | FLINT  | 108,72 | 119,24 | 98,56 | 13.8.2009 | 15:58:12 |
| I20   |       | 2      | 0 UPPERSOIL | FLINT  | 108,73 | 119,25 | 98,57 | 13.8.2009 | 15:59:28 |
| I20   |       | 2      | 1 UPPERSOIL | FLINT  | 108,73 | 119,28 | 98,55 | 13.8.2009 | 15:59:28 |
| I20   | AIWXJ |        | 0 UPPERSOIL | BUCKET | 108,53 | 119,53 | 98,55 | 13.8.2009 | 18:16:50 |
| I20   | AKCFE |        | 0 UPPERSOIL | BUCKET | 108,34 | 119,23 | 98,73 | 13.8.2009 | 10:41:14 |

|     |       |   |           |           |          |        |        |           |           |          |
|-----|-------|---|-----------|-----------|----------|--------|--------|-----------|-----------|----------|
| I20 | ARUGR | 0 | UPPERSOIL | BUCKET    | 108,5    | 119,49 | 98,63  | 13.8.2009 | 14:28:02  |          |
| I20 | BFOUI | 0 | SURFACE   | TOPO      | 108,5    | 119,02 | 99,05  | 13.8.2009 | 14:52:42  |          |
| I20 | CUYJK | 0 | SURFACE   | TOPO      | 108,89   | 119,49 | 99,05  | 4.8.2009  | 13:58:09  |          |
| I20 | DAMJY | 0 | UPPERSOIL | BUCKET    | 108,89   | 119,5  | 98,43  | 14.8.2009 | 11:22:09  |          |
| I20 | EYDCD | 0 | UPPERSOIL | TAMIS     | 108,62   | 119,32 | 98,66  | 11.8.2009 | 16:40:54  |          |
| I20 | EYLQQ | 0 | UPPERSOIL | BUCKET    | 108,87   | 119,85 | 98,67  | 13.8.2009 | 16:22:37  |          |
| I20 | FDYYU | 0 | UPPERSOIL | TAMIS     | 108,58   | 119,77 | 98,7   | 13.8.2009 | 15:35:56  |          |
| I20 | GCGJB | 0 | UPPERSOIL | BUCKET    | 108,56   | 119,98 | 98,57  | 14.8.2009 | 09:44:34  |          |
| I20 | GEBVX | 0 | UPPERSOIL | BUCKET    | 108,79   | 119,9  | 98,66  | 13.8.2009 | 16:41:08  |          |
| I20 | GWIGC | 0 | UPPERSOIL | BUCKET    | 108,62   | 119,53 | 98,48  | 14.8.2009 | 10:06:59  |          |
| I20 | HPXNL | 0 | UPPERSOIL | BUCKET    | 108,52   | 119,47 | 98,58  | 13.8.2009 | 15:56:59  |          |
| I20 | IJGRJ | 0 | UPPERSOIL | BUCKET    | 108,79   | 119,44 | 98,64  | 13.8.2009 | 10:57:47  |          |
| I20 | IYFUE | 0 | UPPERSOIL | BUCKET    | 108,08   | 119,51 | 98,71  | 13.8.2009 | 11:53:50  |          |
| I20 | KGLEQ | 0 | UPPERSOIL | TAMIS     | 108,57   | 119,53 | 98,51  | 14.8.2009 | 09:48:15  |          |
| I20 | OUZDZ | 0 | UPPERSOIL | BUCKET    | 108,81   | 120    | 98,58  | 13.8.2009 | 18:16:15  |          |
| I20 | QISYA | 0 | UPPERSOIL | BUCKET    | 108,83   | 119,53 | 98,74  | 11.8.2009 | 11:55:00  |          |
| I20 | TKMUH | 0 | UPPERSOIL | BUCKET    | 108,34   | 119,45 | 98,66  | 13.8.2009 | 11:54:29  |          |
| I20 | VFWEI | 0 | UPPERSOIL | BUCKET    | 108,36   | 119,44 | 98,71  | 13.8.2009 | 10:59:15  |          |
| I20 | VPGOY | 0 | DE        | TOPO      | 108,96   | 119,2  | 98,46  | 12.8.2009 | 10:12:35  |          |
| I20 | VYUTM | 0 | UPPERSOIL | BUCKET    | 108,91   | 119,95 | 98,47  | 14.8.2009 | 11:20:40  |          |
| I20 | XEYIP | 0 | UPPERSOIL | BUCKET    | 108,55   | 119,49 | 98,61  | 13.8.2009 | 15:34:18  |          |
| I20 | XYDFW | 0 | UPPERSOIL | BUCKET    | 108,81   | 119,54 | 98,72  | 11.8.2009 | 12:46:05  |          |
| I21 |       | 1 | 0         | UPPERSOIL | FLINT    | 108,55 | 120,46 | 98,72     | 12.8.2009 | 11:04:04 |
| I21 |       | 2 | 0         | UPPERSOIL | CHARCOAL | 108,36 | 120,24 | 98,83     | 13.8.2009 | 10:36:54 |
| I21 |       | 3 | 0         | UPPERSOIL | FLINT    | 108,84 | 120,22 | 98,51     | 13.8.2009 | 15:39:23 |
| I21 |       | 3 | 1         | UPPERSOIL | FLINT    | 108,85 | 120,15 | 98,54     | 13.8.2009 | 15:39:23 |
| I21 |       | 4 | 0         | UPPERSOIL | CHARCOAL | 108,55 | 120,09 | 98,55     | 14.8.2009 | 09:45:08 |
| I21 | BVACM | 0 | AC        | TOPO      | 108,95   | 120,23 | 98,83  | 10.8.2009 | 15:10:58  |          |
| I21 | CBAOH | 0 | UPPERSOIL | BUCKET    | 108,86   | 120,33 | 98,56  | 13.8.2009 | 15:33:02  |          |
| I21 | EAMNP | 0 | UPPERSOIL | BUCKET    | 108,74   | 120,41 | 98,72  | 12.8.2009 | 10:51:32  |          |
| I21 | EHZQL | 0 | UPPERSOIL | BUCKET    | 108,78   | 120,85 | 98,48  | 14.8.2009 | 10:50:29  |          |
| I21 | FGLRX | 0 | UPPERSOIL | TAMIS     | 108,7    | 120,43 | 98,8   | 11.8.2009 | 11:57:01  |          |
| I21 | FHSGH | 0 | UPPERSOIL | BUCKET    | 108,56   | 120,06 | 98,65  | 13.8.2009 | 17:17:19  |          |
| I21 | FNNID | 0 | UPPERSOIL | BUCKET    | 108,72   | 120,81 | 98,64  | 13.8.2009 | 16:27:19  |          |
| I21 | GLGRZ | 0 | UPPERSOIL | BUCKET    | 108,65   | 120,36 | 98,7   | 12.8.2009 | 11:18:41  |          |
| I21 | HLWTN | 0 | AC        | TOPO      | 108,94   | 120,71 | 98,87  | 10.8.2009 | 15:12:14  |          |
| I21 | HMLKN | 0 | UPPERSOIL | BUCKET    | 108,67   | 120,85 | 98,69  | 13.8.2009 | 16:00:42  |          |
| I21 | IJQYC | 0 | UPPERSOIL | TAMIS     | 108,81   | 120,37 | 98,59  | 13.8.2009 | 10:35:45  |          |
| I21 | JBAQI | 0 | UPPERSOIL | BUCKET    | 108,59   | 120,08 | 98,53  | 14.8.2009 | 10:36:49  |          |
| I21 | JKBJP | 0 | UPPERSOIL | BUCKET    | 108,74   | 120,35 | 98,62  | 12.8.2009 | 14:20:35  |          |
| I21 | KHAYN | 0 | UPPERSOIL | BUCKET    | 108,71   | 120,8  | 98,72  | 13.8.2009 | 15:45:58  |          |
| I21 | KKBYR | 0 | UPPERSOIL | BUCKET    | 108,64   | 120,41 | 98,79  | 11.8.2009 | 12:42:49  |          |
| I21 | LAIRS | 0 | UPPERSOIL | BUCKET    | 108,53   | 120,04 | 98,76  | 13.8.2009 | 15:35:04  |          |
| I21 | MNCCW | 0 | UPPERSOIL | BUCKET    | 108,61   | 120,64 | 98,55  | 14.8.2009 | 10:30:22  |          |
| I21 | MPHOG | 0 | UPPERSOIL | BUCKET    | 108,83   | 120,46 | 98,65  | 12.8.2009 | 12:08:22  |          |

|     |       |   |           |           |          |        |        |           |           |          |
|-----|-------|---|-----------|-----------|----------|--------|--------|-----------|-----------|----------|
| I21 | NIVTN | 0 | UPPERSOIL | BUCKET    | 108,78   | 120,04 | 98,6   | 13.8.2009 | 18:04:12  |          |
| I21 | NWQFJ | 0 | UPPERSOIL | BUCKET    | 108,31   | 120,37 | 98,79  | 13.8.2009 | 11:13:47  |          |
| I21 | PHNSM | 0 | UPPERSOIL | BUCKET    | 108,75   | 120,35 | 98,5   | 13.8.2009 | 16:19:01  |          |
| I21 | PSWUZ | 0 | UPPERSOIL | BUCKET    | 108,73   | 120,85 | 98,61  | 13.8.2009 | 16:39:27  |          |
| I21 | PZYUS | 0 | UPPERSOIL | BUCKET    | 108,76   | 120,35 | 98,52  | 13.8.2009 | 16:01:27  |          |
| I21 | QMYHV | 0 | SURFACE   | TOPO      | 108,92   | 120,03 | 99,08  | 4.8.2009  | 13:57:47  |          |
| I21 | QWFQB | 0 | UPPERSOIL | BUCKET    | 108,26   | 120,41 | 98,82  | 13.8.2009 | 10:55:36  |          |
| I21 | RYKBY | 0 | UPPERSOIL | BUCKET    | 108,34   | 120,31 | 98,73  | 13.8.2009 | 11:55:15  |          |
| I21 | RYKFG | 0 | UPPERSOIL | BUCKET    | 108,76   | 120,01 | 98,76  | 13.8.2009 | 14:29:59  |          |
| I21 | SUXPW | 0 | UPPERSOIL | BUCKET    | 108,82   | 120,38 | 98,47  | 13.8.2009 | 16:38:41  |          |
| I21 | SXWJZ | 0 | UPPERSOIL | BUCKET    | 108,77   | 120,73 | 98,56  | 14.8.2009 | 09:47:37  |          |
| I21 | TEVLG | 0 | UPPERSOIL | BUCKET    | 108,52   | 120,02 | 98,8   | 13.8.2009 | 14:29:14  |          |
| I21 | TSBWB | 0 | UPPERSOIL | BUCKET    | 108,78   | 120,28 | 98,75  | 12.8.2009 | 10:27:03  |          |
| I21 | TVRCG | 0 | UPPERSOIL | BUCKET    | 108,68   | 120,85 | 98,66  | 13.8.2009 | 16:12:37  |          |
| I21 | UQCOO | 0 | UPPERSOIL | BUCKET    | 108,9    | 120,02 | 98,63  | 13.8.2009 | 17:18:48  |          |
| I21 | VUWKP | 0 | UPPERSOIL | BUCKET    | 108,67   | 120,86 | 98,75  | 13.8.2009 | 15:29:56  |          |
| I21 | WBTEC | 0 | UPPERSOIL | BUCKET    | 108,97   | 120,51 | 98,59  | 13.8.2009 | 14:34:27  |          |
| I21 | WTIAY | 0 | UPPERSOIL | TAMIS     | 108,75   | 120,81 | 98,58  | 13.8.2009 | 16:51:53  |          |
| I21 | XIYWM | 0 | UPPERSOIL | BUCKET    | 108,3    | 120,27 | 98,76  | 13.8.2009 | 11:30:42  |          |
| I21 | XLSIN | 0 | UPPERSOIL | BUCKET    | 108,84   | 120,48 | 98,67  | 12.8.2009 | 11:45:15  |          |
| I21 | XZGGK | 0 | UPPERSOIL | BUCKET    | 108,79   | 120    | 98,53  | 14.8.2009 | 09:47:04  |          |
| I21 | YAAWN | 0 | UPPERSOIL | BUCKET    | 108,64   | 120,92 | 98,53  | 14.8.2009 | 10:38:03  |          |
| I21 | YNBQM | 0 | UPPERSOIL | BUCKET    | 108,72   | 120,05 | 98,5   | 14.8.2009 | 10:41:24  |          |
| I21 | YWBOL | 0 | SURFACE   | TOPO      | 108,9    | 120,56 | 99,14  | 4.8.2009  | 13:57:20  |          |
| I22 |       | 1 | 0         | UPPERSOIL | CHARCOAL | 108,92 | 121,78 | 98,9      | 11.8.2009 | 12:11:30 |
| I22 |       | 2 | 0         | UPPERSOIL | FLINT    | 108,74 | 121,99 | 98,68     | 13.8.2009 | 10:51:21 |
| I22 |       | 3 | 0         | UPPERSOIL | FLINT    | 108,88 | 121,98 | 98,67     | 13.8.2009 | 14:22:50 |
| I22 |       | 3 | 1         | UPPERSOIL | FLINT    | 108,87 | 122    | 98,61     | 13.8.2009 | 14:22:50 |
| I22 | AXHQC | 0 | AC        | TOPO      | 108,94   | 121,41 | 98,89  | 10.8.2009 | 15:16:13  |          |
| I22 | BIBVG | 0 | UPPERSOIL | BUCKET    | 108,92   | 121,87 | 98,64  | 13.8.2009 | 11:14:26  |          |
| I22 | DBJLM | 0 | SURFACE   | TOPO      | 108,91   | 121,06 | 99,17  | 4.8.2009  | 13:56:50  |          |
| I22 | DWTQL | 0 | UPPERSOIL | BUCKET    | 108,64   | 121,09 | 98,57  | 14.8.2009 | 09:41:48  |          |
| I22 | EVLSL | 0 | UPPERSOIL | BUCKET    | 108,77   | 121,43 | 98,48  | 14.8.2009 | 10:11:33  |          |
| I22 | FGZFK | 0 | UPPERSOIL | BUCKET    | 108,87   | 121,76 | 98,67  | 13.8.2009 | 10:42:44  |          |
| I22 | FUBTB | 0 | UPPERSOIL | BUCKET    | 108,64   | 121,87 | 98,75  | 12.8.2009 | 11:12:58  |          |
| I22 | GRMFI | 0 | UPPERSOIL | BUCKET    | 108,78   | 121,51 | 98,54  | 14.8.2009 | 09:43:53  |          |
| I22 | HSVXC | 0 | UPPERSOIL | TAMIS     | 108,66   | 121,28 | 98,85  | 12.8.2009 | 15:14:41  |          |
| I22 | JGTEV | 0 | UPPERSOIL | BUCKET    | 108,71   | 121,45 | 98,64  | 13.8.2009 | 16:59:43  |          |
| I22 | JQFIU | 0 | UPPERSOIL | BUCKET    | 108,76   | 121,92 | 98,83  | 12.8.2009 | 09:42:24  |          |
| I22 | KBYFC | 0 | UPPERSOIL | BUCKET    | 108,77   | 121,8  | 98,72  | 12.8.2009 | 11:38:18  |          |
| I22 | MRSUO | 0 | UPPERSOIL | BUCKET    | 108,78   | 121,96 | 98,71  | 12.8.2009 | 11:56:51  |          |
| I22 | NKPPG | 0 | UPPERSOIL | BUCKET    | 108,54   | 121,57 | 98,62  | 14.8.2009 | 09:40:42  |          |
| I22 | NVTMC | 0 | UPPERSOIL | BUCKET    | 108,84   | 121,49 | 98,74  | 13.8.2009 | 15:31:12  |          |
| I22 | OJUPW | 0 | UPPERSOIL | BUCKET    | 108,8    | 121,69 | 98,62  | 13.8.2009 | 11:36:26  |          |
| I22 | OTJWK | 0 | UPPERSOIL | BUCKET    | 108,65   | 121,31 | 98,83  | 12.8.2009 | 16:12:10  |          |

|     |       |   |           |           |        |        |        |           |          |          |
|-----|-------|---|-----------|-----------|--------|--------|--------|-----------|----------|----------|
| I22 | OZCUD | 0 | UPPERSOIL | BUCKET    | 108,81 | 121,81 | 98,78  | 12.8.2009 | 10:48:03 |          |
| I22 | PZGQP | 0 | UPPERSOIL | BUCKET    | 108,65 | 121,43 | 98,7   | 13.8.2009 | 16:05:18 |          |
| I22 | QRIWW | 0 | UPPERSOIL | BUCKET    | 108,76 | 121,76 | 98,87  | 11.8.2009 | 12:46:59 |          |
| I22 | RCFVJ | 0 | UPPERSOIL | BUCKET    | 108,7  | 121,19 | 98,71  | 13.8.2009 | 15:48:26 |          |
| I22 | RSHJV | 0 | UPPERSOIL | BUCKET    | 108,61 | 121,16 | 98,55  | 14.8.2009 | 09:43:02 |          |
| I22 | RUGNI | 0 | UPPERSOIL | BUCKET    | 108,73 | 121,55 | 98,67  | 13.8.2009 | 16:40:15 |          |
| I22 | RVGGJ | 0 | UPPERSOIL | BUCKET    | 108,75 | 121,75 | 98,89  | 11.8.2009 | 12:03:14 |          |
| I22 | UYEMX | 0 | UPPERSOIL | BUCKET    | 108,92 | 121,88 | 98,58  | 13.8.2009 | 14:33:04 |          |
| I22 | VPFEP | 0 | SURFACE   | TOPO      | 108,89 | 121,57 | 99,2   | 4.8.2009  | 13:56:15 |          |
| I22 | WFLSI | 0 | UPPERSOIL | BUCKET    | 108,85 | 121,8  | 98,86  | 11.8.2009 | 12:43:41 |          |
| I22 | WLGUK | 0 | UPPERSOIL | BUCKET    | 108,86 | 121,89 | 98,61  | 13.8.2009 | 14:26:18 |          |
| I22 | YUSOL | 0 | UPPERSOIL | TAMIS     | 108,55 | 121,53 | 98,7   | 13.8.2009 | 16:19:40 |          |
| I22 | YWCTI | 0 | UPPERSOIL | TAMIS     | 108,71 | 121,41 | 98,51  | 14.8.2009 | 10:00:18 |          |
| I22 | ZIZNB | 0 | UPPERSOIL | TAMIS     | 108,73 | 121,78 | 98,8   | 12.8.2009 | 10:24:29 |          |
| I23 | BBQRZ | 0 | SURFACE   | TOPO      | 108,4  | 122,1  | 99,28  | 13.8.2009 | 14:54:24 |          |
| I23 | IDMBZ | 0 | UPPERSOIL | TAMIS     | 108,93 | 122,01 | 98,55  | 13.8.2009 | 14:45:13 |          |
| I23 | KWTJX | 0 | SURFACE   | TOPO      | 108,89 | 122,51 | 99,25  | 4.8.2009  | 13:55:14 |          |
| I23 | OVRYW | 0 | AC        | TOPO      | 108,95 | 122,06 | 98,97  | 10.8.2009 | 15:17:41 |          |
| I23 | TDFIP | 0 | AC        | TOPO      | 108,94 | 122,61 | 99,01  | 10.8.2009 | 15:18:35 |          |
| I23 | UHQSC | 0 | SURFACE   | TOPO      | 108,89 | 122,51 | 99,26  | 4.8.2009  | 13:54:38 |          |
| I23 | UIIGQ | 0 | SURFACE   | TOPO      | 108,86 | 122,04 | 99,2   | 4.8.2009  | 13:55:41 |          |
| I24 | FRPZW | 0 | AC        | TOPO      | 108,93 | 123,25 | 99,05  | 10.8.2009 | 15:19:43 |          |
| I24 | FUCUX | 0 | SURFACE   | TOPO      | 108,88 | 123,04 | 99,3   | 4.8.2009  | 13:54:08 |          |
| I24 | GBUVX | 0 | AC        | TOPO      | 108,92 | 123,75 | 99,1   | 10.8.2009 | 15:20:38 |          |
| I24 | WBWGC | 0 | SURFACE   | TOPO      | 108,85 | 123,51 | 99,32  | 4.8.2009  | 13:53:34 |          |
| I25 | KNHMF | 0 | AC        | TOPO      | 108,92 | 124,03 | 99,14  | 10.8.2009 | 15:23:18 |          |
| I25 | SEUZZ | 0 | SURFACE   | TOPO      | 108,9  | 124,01 | 99,39  | 4.8.2009  | 13:52:29 |          |
| I40 | UAKOI | 0 | SURFACE   | TOPO      | 108,99 | 139,98 | 100,26 | 3.8.2009  | 16:11:33 |          |
| J19 | JBUOU | 0 | SURFACE   | TOPO      | 109,01 | 118,95 | 99,02  | 4.8.2009  | 13:39:18 |          |
| J19 | KCDJI | 0 | SURFACE   | TOPO      | 109,45 | 118,96 | 98,99  | 4.8.2009  | 13:40:11 |          |
| J20 |       | 1 | 0         | UPPERSOIL | FLINT  | 109,11 | 119,36 | 98,64     | 3.8.2009 | 15:00:35 |
| J20 |       | 2 | 0         | UPPERSOIL | FLINT  | 109,1  | 119,23 | 98,62     | 3.8.2009 | 15:06:53 |
| J20 |       | 3 | 0         | UPPERSOIL | FLINT  | 109,38 | 119,08 | 98,54     | 3.8.2009 | 16:18:46 |
| J20 |       | 3 | 1         | UPPERSOIL | FLINT  | 109,38 | 119,05 | 98,53     | 3.8.2009 | 16:18:46 |
| J20 |       | 4 | 0         | UPPERSOIL | FLINT  | 109,27 | 119,19 | 98,48     | 4.8.2009 | 11:53:12 |
| J20 |       | 5 | 0         | UPPERSOIL | FLINT  | 109,71 | 119,5  | 98,6      | 4.8.2009 | 14:23:02 |
| J20 |       | 6 | 0         | UPPERSOIL | BONE   | 109,27 | 119,73 | 98,5      | 6.8.2009 | 14:05:28 |
| J20 |       | 6 | 1         | UPPERSOIL | BONE   | 109,21 | 119,72 | 98,5      | 6.8.2009 | 14:05:28 |
| J20 |       | 7 | 0         | UPPERSOIL | BONE   | 109,21 | 119,85 | 98,52     | 6.8.2009 | 14:08:18 |
| J20 |       | 7 | 1         | UPPERSOIL | BONE   | 109,16 | 119,82 | 98,52     | 6.8.2009 | 14:08:18 |
| J20 | ACDKD | 0 | UPPERSOIL | BUCKET    | 109,21 | 119,79 | 98,65  | 4.8.2009  | 11:51:06 |          |
| J20 | AFDFA | 0 | UPPERSOIL | BUCKET    | 109,1  | 119,22 | 98,58  | 3.8.2009  | 15:59:12 |          |
| J20 | AZYPY | 0 | UPPERSOIL | BUCKET    | 109,9  | 119,4  | 98,46  | 5.8.2009  | 15:35:58 |          |
| J20 | BGJFQ | 0 | UPPERSOIL | TAMIS     | 109,24 | 119,31 | 98,53  | 3.8.2009  | 17:01:38 |          |
| J20 | BKQPQ | 0 | UPPERSOIL | BUCKET    | 109,22 | 119,32 | 98,46  | 4.8.2009  | 12:47:30 |          |

|     |       |   |           |           |          |        |        |           |          |          |
|-----|-------|---|-----------|-----------|----------|--------|--------|-----------|----------|----------|
| J20 | BWPHC | 0 | UPPERSOIL | BUCKET    | 109,91   | 119,26 | 98,54  | 5.8.2009  | 10:14:53 |          |
| J20 | CKWBU | 0 | AD        | TOPO      | 109,43   | 119,01 | 98,7   | 10.8.2009 | 16:07:55 |          |
| J20 | DGWDJ | 0 | UPPERSOIL | BUCKET    | 109,5    | 119,23 | 98,55  | 5.8.2009  | 10:17:01 |          |
| J20 | DYQOD | 0 | UPPERSOIL | BUCKET    | 109,27   | 119,81 | 98,44  | 8.8.2009  | 09:54:00 |          |
| J20 | EFALF | 0 | UPPERSOIL | BUCKET    | 109,51   | 119,43 | 98,47  | 6.8.2009  | 13:37:47 |          |
| J20 | GJDPJ | 0 | UPPERSOIL | BUCKET    | 109,83   | 119,65 | 98,47  | 5.8.2009  | 15:28:57 |          |
| J20 | GKNPO | 0 | UPPERSOIL | BUCKET    | 109,23   | 119,44 | 98,4   | 8.8.2009  | 11:38:14 |          |
| J20 | GRSIG | 0 | UPPERSOIL | BUCKET    | 109,44   | 119,89 | 98,51  | 6.8.2009  | 16:11:09 |          |
| J20 | HQFLX | 0 | AC        | TOPO      | 108,96   | 119,18 | 98,74  | 10.8.2009 | 15:06:36 |          |
| J20 | HXKDO | 0 | LOESS2    | TAMIS     | 109,22   | 119,31 | 98,43  | 4.8.2009  | 13:10:53 |          |
| J20 | IATDP | 0 | UPPERSOIL | BUCKET    | 109,75   | 119,29 | 98,62  | 4.8.2009  | 11:49:45 |          |
| J20 | IGJMB | 0 | UPPERSOIL | BUCKET    | 109,42   | 119,78 | 98,56  | 6.8.2009  | 11:03:52 |          |
| J20 | IMEOH | 0 | UPPERSOIL | BUCKET    | 109,85   | 119,92 | 98,46  | 5.8.2009  | 16:27:30 |          |
| J20 | IMFJV | 0 | UPPERSOIL | BUCKET    | 109,2    | 119,31 | 98,5   | 3.8.2009  | 17:28:27 |          |
| J20 | IQRUI | 0 | UPPERSOIL | BUCKET    | 109,23   | 119,33 | 98,49  | 4.8.2009  | 11:48:42 |          |
| J20 | IVLWR | 0 | UPPERSOIL | BUCKET    | 109,31   | 119,75 | 98,53  | 6.8.2009  | 13:17:08 |          |
| J20 | IZYTZ | 0 | UPPERSOIL | BUCKET    | 109,23   | 119,3  | 98,6   | 3.8.2009  | 15:18:19 |          |
| J20 | KLCYD | 0 | DE        | TOPO      | 109,44   | 119,18 | 98,41  | 12.8.2009 | 10:11:44 |          |
| J20 | KLPVW | 0 | DE        | TOPO      | 109,96   | 119,18 | 98,45  | 12.8.2009 | 10:10:32 |          |
| J20 | KPWFO | 0 | UPPERSOIL | BUCKET    | 109,74   | 119,78 | 98,61  | 4.8.2009  | 14:45:35 |          |
| J20 | KYQPX | 0 | UPPERSOIL | BUCKET    | 109,2    | 119,79 | 98,63  | 6.8.2009  | 09:19:45 |          |
| J20 | KZVAD | 0 | UPPERSOIL | BUCKET    | 109,78   | 119,29 | 98,59  | 4.8.2009  | 15:07:16 |          |
| J20 | MKBWO | 0 | AC        | TOPO      | 108,96   | 119,67 | 98,79  | 10.8.2009 | 15:08:27 |          |
| J20 | MZRDH | 0 | UPPERSOIL | BUCKET    | 109,79   | 119,89 | 98,54  | 5.8.2009  | 11:10:58 |          |
| J20 | NRXGH | 0 | UPPERSOIL | BUCKET    | 109,19   | 119,89 | 98,58  | 6.8.2009  | 10:33:58 |          |
| J20 | NUOAH | 0 | UPPERSOIL | BUCKET    | 109,85   | 119,44 | 98,43  | 5.8.2009  | 16:46:39 |          |
| J20 | ORVQG | 0 | UPPERSOIL | BUCKET    | 109,88   | 119,21 | 98,5   | 5.8.2009  | 11:11:49 |          |
| J20 | PSYXL | 0 | DE        | TOPO      | 109,11   | 119,58 | 98,46  | 12.8.2009 | 11:23:06 |          |
| J20 | QCEMY | 0 | UPPERSOIL | BUCKET    | 109,71   | 119,93 | 98,6   | 4.8.2009  | 15:33:44 |          |
| J20 | QWVIZ | 0 | UPPERSOIL | BUCKET    | 109,29   | 119,77 | 98,61  | 6.8.2009  | 09:53:48 |          |
| J20 | RLNRY | 0 | UPPERSOIL | TAMIS     | 109,87   | 119,69 | 98,56  | 5.8.2009  | 10:12:31 |          |
| J20 | SXETB | 0 | UPPERSOIL | BUCKET    | 109,89   | 119,37 | 98,48  | 5.8.2009  | 12:11:44 |          |
| J20 | TQLCT | 0 | UPPERSOIL | BUCKET    | 109,76   | 119,78 | 98,65  | 4.8.2009  | 11:50:29 |          |
| J20 | UXWNJ | 0 | AD        | TOPO      | 109,94   | 119,01 | 98,69  | 10.8.2009 | 16:07:19 |          |
| J20 | VICFD | 0 | UPPERSOIL | BUCKET    | 109,61   | 119,4  | 98,56  | 4.8.2009  | 16:25:17 |          |
| J20 | WZCJT | 0 | UPPERSOIL | BUCKET    | 109,25   | 119,79 | 98,47  | 7.8.2009  | 15:41:32 |          |
| J20 | YSVYG | 0 | UPPERSOIL | BUCKET    | 109,85   | 119,64 | 98,5   | 5.8.2009  | 12:17:46 |          |
| J20 | YZZGP | 0 | UPPERSOIL | BUCKET    | 109,21   | 119,32 | 98,55  | 3.8.2009  | 16:16:12 |          |
| J21 |       | 1 | 0         | UPPERSOIL | FLINT    | 109,39 | 120,64 | 98,6      | 5.8.2009 | 15:09:17 |
| J21 |       | 1 | 1         | UPPERSOIL | FLINT    | 109,39 | 120,68 | 98,6      | 5.8.2009 | 15:09:17 |
| J21 |       | 2 | 0         | UPPERSOIL | FLINT    | 109,69 | 120,38 | 98,55     | 5.8.2009 | 16:24:06 |
| J21 |       | 2 | 1         | UPPERSOIL | FLINT    | 109,67 | 120,41 | 98,56     | 5.8.2009 | 16:24:06 |
| J21 |       | 3 | 0         | UPPERSOIL | CHARCOAL | 109,67 | 120,25 | 98,51     | 6.8.2009 | 13:06:42 |
| J21 |       | 4 | 0         | UPPERSOIL | CHARCOAL | 109,78 | 120,76 | 98,51     | 9.8.2009 | 10:09:59 |
| J21 | BQPAN | 0 | UPPERSOIL | BUCKET    | 109,24   | 120,79 | 98,53  | 8.8.2009  | 14:01:59 |          |

|     |       |   |           |           |          |        |        |           |          |          |
|-----|-------|---|-----------|-----------|----------|--------|--------|-----------|----------|----------|
| J21 | BXZTH | 0 | UPPERSOIL | BUCKET    | 109,65   | 120,71 | 98,54  | 8.8.2009  | 14:01:15 |          |
| J21 | BYRDY | 0 | UPPERSOIL | BUCKET    | 109,26   | 120,74 | 98,55  | 8.8.2009  | 11:09:23 |          |
| J21 | CVGAQ | 0 | UPPERSOIL | BUCKET    | 109,71   | 120,73 | 98,59  | 7.8.2009  | 13:40:23 |          |
| J21 | DGWKI | 0 | UPPERSOIL | BUCKET    | 109,26   | 120,82 | 98,64  | 5.8.2009  | 14:32:26 |          |
| J21 | ELBNX | 0 | UPPERSOIL | TAMIS     | 109,77   | 120,68 | 98,69  | 7.8.2009  | 09:44:30 |          |
| J21 | FBXFV | 0 | UPPERSOIL | BUCKET    | 109,8    | 120,19 | 98,65  | 5.8.2009  | 12:21:58 |          |
| J21 | FPEKH | 0 | UPPERSOIL | BUCKET    | 109,76   | 120,23 | 98,49  | 6.8.2009  | 14:16:33 |          |
| J21 | HNPWQ | 0 | UPPERSOIL | BUCKET    | 109,7    | 120,22 | 98,61  | 5.8.2009  | 14:30:56 |          |
| J21 | HNYNQ | 0 | UPPERSOIL | BUCKET    | 109,71   | 120,72 | 98,5   | 9.8.2009  | 13:40:41 |          |
| J21 | IKQGL | 0 | UPPERSOIL | BUCKET    | 109,23   | 120,83 | 98,67  | 5.8.2009  | 12:23:31 |          |
| J21 | INBXI | 0 | UPPERSOIL | BUCKET    | 109,74   | 120,66 | 98,56  | 7.8.2009  | 15:19:46 |          |
| J21 | IXBIV | 0 | UPPERSOIL | BUCKET    | 109,41   | 120,15 | 98,5   | 8.8.2009  | 16:14:33 |          |
| J21 | KCZUO | 0 | UPPERSOIL | BUCKET    | 109,4    | 120,23 | 98,52  | 8.8.2009  | 15:43:10 |          |
| J21 | KDJUW | 0 | UPPERSOIL | BUCKET    | 109,37   | 120,24 | 98,55  | 8.8.2009  | 15:15:27 |          |
| J21 | LGZKV | 0 | DE        | TOPO      | 109,12   | 120,07 | 98,48  | 12.8.2009 | 11:24:48 |          |
| J21 | LODRW | 0 | UPPERSOIL | BUCKET    | 109,74   | 120,72 | 98,66  | 7.8.2009  | 10:23:28 |          |
| J21 | LXNYF | 0 | UPPERSOIL | BUCKET    | 109,71   | 120,73 | 98,64  | 7.8.2009  | 10:57:45 |          |
| J21 | MWJVU | 0 | UPPERSOIL | BUCKET    | 109,72   | 120,8  | 98,61  | 7.8.2009  | 11:30:21 |          |
| J21 | NLRAW | 0 | UPPERSOIL | BUCKET    | 109,31   | 120,24 | 98,6   | 8.8.2009  | 14:00:34 |          |
| J21 | NSVPK | 0 | UPPERSOIL | BUCKET    | 109,73   | 120,3  | 98,58  | 5.8.2009  | 15:38:02 |          |
| J21 | NXJYV | 0 | UPPERSOIL | BUCKET    | 109,33   | 120,3  | 98,7   | 6.8.2009  | 16:29:03 |          |
| J21 | QIHUV | 0 | UPPERSOIL | BUCKET    | 109,27   | 120,79 | 98,6   | 5.8.2009  | 16:02:08 |          |
| J21 | QNKRZ | 0 | UPPERSOIL | BUCKET    | 109,31   | 120,86 | 98,7   | 5.8.2009  | 10:55:05 |          |
| J21 | RJYKE | 0 | UPPERSOIL | BUCKET    | 109,27   | 120,32 | 98,48  | 10.8.2009 | 11:14:39 |          |
| J21 | RRTHJ | 0 | UPPERSOIL | BUCKET    | 109,73   | 120,29 | 98,51  | 6.8.2009  | 13:20:54 |          |
| J21 | RUCPL | 0 | UPPERSOIL | BUCKET    | 109,35   | 120,87 | 98,57  | 6.8.2009  | 16:08:11 |          |
| J21 | TNNKF | 0 | UPPERSOIL | BUCKET    | 109,76   | 120,3  | 98,55  | 5.8.2009  | 16:22:23 |          |
| J21 | UUMPG | 0 | UPPERSOIL | BUCKET    | 109,31   | 120,34 | 98,65  | 7.8.2009  | 15:18:38 |          |
| J21 | UWAJU | 0 | DE        | TOPO      | 109,12   | 120,61 | 98,49  | 12.8.2009 | 11:25:52 |          |
| J21 | VCCTD | 0 | UPPERSOIL | BUCKET    | 109,76   | 120,31 | 98,53  | 6.8.2009  | 10:18:08 |          |
| J21 | VUENW | 0 | UPPERSOIL | BUCKET    | 109,7    | 120,23 | 98,67  | 5.8.2009  | 10:18:52 |          |
| J21 | WEXXL | 0 | UPPERSOIL | BUCKET    | 109,26   | 120,3  | 98,58  | 8.8.2009  | 14:33:57 |          |
| J21 | WFYAS | 0 | UPPERSOIL | BUCKET    | 109,6    | 120,61 | 98,52  | 9.8.2009  | 10:44:47 |          |
| J21 | YEEKG | 0 | UPPERSOIL | BUCKET    | 109,22   | 120,81 | 98,5   | 9.8.2009  | 10:11:14 |          |
| J21 | YKCCE | 0 | UPPERSOIL | BUCKET    | 109,34   | 120,21 | 98,47  | 9.8.2009  | 09:29:37 |          |
| J21 | YOLTK | 0 | UPPERSOIL | BUCKET    | 109,22   | 120,27 | 98,67  | 7.8.2009  | 13:37:59 |          |
| J21 | ZTGNT | 0 | UPPERSOIL | BUCKET    | 109,33   | 120,3  | 98,63  | 7.8.2009  | 15:44:00 |          |
| J22 |       | 1 | 0         | UPPERSOIL | CHARCOAL | 109,78 | 121,25 | 98,67     | 6.8.2009 | 10:42:52 |
| J22 |       | 2 | 0         | UPPERSOIL | CHARCOAL | 109,63 | 121,16 | 98,58     | 6.8.2009 | 14:59:23 |
| J22 |       | 3 | 0         | UPPERSOIL | FLINT    | 109,24 | 121,19 | 98,6      | 8.8.2009 | 14:31:03 |
| J22 |       | 3 | 1         | UPPERSOIL | FLINT    | 109,24 | 121,16 | 98,6      | 8.8.2009 | 14:31:03 |
| J22 |       | 4 | 0         | UPPERSOIL | FLINT    | 109,37 | 121,26 | 98,58     | 8.8.2009 | 14:32:25 |
| J22 |       | 5 | 0         | UPPERSOIL | CHARCOAL | 109,55 | 121,08 | 98,54     | 8.8.2009 | 15:23:23 |
| J22 |       | 6 | 0         | UPPERSOIL | CHARCOAL | 109,55 | 121,14 | 98,53     | 8.8.2009 | 15:40:41 |
| J22 |       | 7 | 0         | UPPERSOIL | FLINT    | 109,59 | 121,56 | 98,57     | 9.8.2009 | 15:26:36 |

|     |        |   |   |           |        |        |        |       |           |          |
|-----|--------|---|---|-----------|--------|--------|--------|-------|-----------|----------|
| J22 |        | 7 | 1 | UPPERSOIL | FLINT  | 109,56 | 121,57 | 98,55 | 9.8.2009  | 15:26:36 |
| J22 | BEUXX  |   | 0 | UPPERSOIL | BUCKET | 109,39 | 121,3  | 98,7  | 7.8.2009  | 09:58:40 |
| J22 | BNIQB  |   | 0 | UPPERSOIL | BUCKET | 109,26 | 121,25 | 98,68 | 7.8.2009  | 10:58:44 |
| J22 | CBDIA  |   | 0 | UPPERSOIL | BUCKET | 109,71 | 121,8  | 98,62 | 8.8.2009  | 16:13:51 |
| J22 | CLMMM  |   | 0 | UPPERSOIL | TAMIS  | 109,31 | 121,57 | 98,54 | 9.8.2009  | 15:49:50 |
| J22 | DNQBD  |   | 0 | UPPERSOIL | BUCKET | 109,31 | 121,25 | 98,55 | 9.8.2009  | 11:59:34 |
| J22 | DVRRP  |   | 0 | DE        | TOPO   | 109,09 | 121,59 | 98,52 | 12.8.2009 | 11:27:54 |
| J22 | ETPAS  |   | 0 | UPPERSOIL | BUCKET | 109,86 | 121,4  | 98,63 | 6.8.2009  | 13:24:19 |
| J22 | EUJEE  |   | 0 | UPPERSOIL | BUCKET | 109,33 | 121,66 | 98,67 | 6.8.2009  | 14:21:32 |
| J22 | FOFKW  |   | 0 | UPPERSOIL | BUCKET | 109,64 | 121,17 | 98,6  | 6.8.2009  | 14:11:20 |
| J22 | FVCDX  |   | 0 | UPPERSOIL | BUCKET | 109,76 | 121,37 | 98,54 | 6.8.2009  | 16:02:33 |
| J22 | GDUVU  |   | 0 | UPPERSOIL | BUCKET | 109,16 | 121,69 | 98,64 | 6.8.2009  | 14:46:57 |
| J22 | GEIXC  |   | 0 | UPPERSOIL | BUCKET | 109,63 | 121,19 | 98,68 | 6.8.2009  | 10:16:21 |
| J22 | GUQSZ  |   | 0 | UPPERSOIL | BUCKET | 109,31 | 121,24 | 98,58 | 8.8.2009  | 14:56:29 |
| J22 | GXHWY  |   | 0 | DE        | TOPO   | 109,12 | 121,09 | 98,5  | 12.8.2009 | 11:26:43 |
| J22 | INBDY  |   | 0 | UPPERSOIL | BUCKET | 109,26 | 121,28 | 98,53 | 9.8.2009  | 13:36:51 |
| J22 | JZBOL  |   | 0 | UPPERSOIL | BUCKET | 109,69 | 121,27 | 98,52 | 8.8.2009  | 16:12:48 |
| J22 | KEHJR  |   | 0 | UPPERSOIL | BUCKET | 109,29 | 121,26 | 98,59 | 8.8.2009  | 14:02:39 |
| J22 | MEFDX  |   | 0 | UPPERSOIL | BUCKET | 109,38 | 121,8  | 98,5  | 10.8.2009 | 09:48:23 |
| J22 | MSGYL  |   | 0 | UPPERSOIL | TAMIS  | 109,27 | 121,81 | 98,72 | 6.8.2009  | 09:21:50 |
| J22 | MVMTQ  |   | 0 | UPPERSOIL | BUCKET | 109,18 | 121,05 | 98,64 | 7.8.2009  | 15:26:06 |
| J22 | NRYOB  |   | 0 | UPPERSOIL | BUCKET | 109,77 | 121,19 | 98,65 | 6.8.2009  | 11:07:14 |
| J22 | NWALP  |   | 0 | UPPERSOIL | BUCKET | 109,26 | 121,82 | 98,6  | 7.8.2009  | 16:14:29 |
| J22 | NYKHO  |   | 0 | UPPERSOIL | BUCKET | 109,22 | 121,29 | 98,49 | 9.8.2009  | 14:05:56 |
| J22 | NYPWW  |   | 0 | UPPERSOIL | BUCKET | 109,27 | 121,73 | 98,48 | 10.8.2009 | 10:56:41 |
| J22 | OFCTZ  |   | 0 | UPPERSOIL | BUCKET | 109,75 | 121,65 | 98,68 | 7.8.2009  | 14:10:27 |
| J22 | OISCC  |   | 0 | UPPERSOIL | BUCKET | 109,84 | 121,16 | 98,7  | 6.8.2009  | 09:28:15 |
| J22 | PNORG  |   | 0 | UPPERSOIL | BUCKET | 109,19 | 121,79 | 98,57 | 9.8.2009  | 15:06:36 |
| J22 | PVDPK  |   | 0 | UPPERSOIL | BUCKET | 109,74 | 121,26 | 98,49 | 9.8.2009  | 09:24:29 |
| J22 | RDPGA  |   | 0 | UPPERSOIL | BUCKET | 109,18 | 121,71 | 98,69 | 6.8.2009  | 13:25:12 |
| J22 | RERSS  |   | 0 | UPPERSOIL | BUCKET | 109,76 | 121,89 | 98,65 | 8.8.2009  | 15:47:38 |
| J22 | RGCZT  |   | 0 | UPPERSOIL | BUCKET | 109,78 | 121,88 | 98,51 | 10.8.2009 | 08:54:58 |
| J22 | SPHNL  |   | 0 | UPPERSOIL | BUCKET | 109,65 | 121,7  | 98,71 | 7.8.2009  | 09:42:30 |
| J22 | SSDUJ  |   | 0 | UPPERSOIL | BUCKET | 109,6  | 121,28 | 98,58 | 6.8.2009  | 15:20:19 |
| J22 | UTWBK  |   | 0 | UPPERSOIL | BUCKET | 109,36 | 121,84 | 98,63 | 6.8.2009  | 16:01:39 |
| J22 | UYQMB  |   | 0 | UPPERSOIL | BUCKET | 109,28 | 121,25 | 98,61 | 8.8.2009  | 09:54:52 |
| J22 | UZOQI  |   | 0 | UPPERSOIL | BUCKET | 109,33 | 121,24 | 98,65 | 7.8.2009  | 13:42:19 |
| J22 | VJYYL  |   | 0 | UPPERSOIL | BUCKET | 109,78 | 121,65 | 98,66 | 7.8.2009  | 15:45:55 |
| J22 | VVGYYQ |   | 0 | UPPERSOIL | BUCKET | 109,69 | 121,84 | 98,59 | 9.8.2009  | 10:12:46 |
| J22 | WJKEA  |   | 0 | UPPERSOIL | BUCKET | 109,62 | 121,62 | 98,54 | 9.8.2009  | 15:48:52 |
| J22 | XDFIT  |   | 0 | UPPERSOIL | BUCKET | 109,7  | 121,76 | 98,57 | 9.8.2009  | 15:04:54 |
| J23 |        | 1 | 0 | UPPERSOIL | FLINT  | 109,51 | 122,51 | 98,78 | 4.8.2009  | 13:26:46 |
| J23 |        | 1 | 1 | UPPERSOIL | FLINT  | 109,54 | 122,49 | 98,78 | 4.8.2009  | 13:26:46 |
| J23 |        | 2 | 0 | UPPERSOIL | FLINT  | 109,57 | 122,59 | 98,75 | 7.8.2009  | 09:48:28 |
| J23 |        | 3 | 0 | UPPERSOIL | FLINT  | 109,07 | 122,09 | 98,67 | 8.8.2009  | 12:15:45 |

|     |        |   |           |           |        |        |        |           |          |          |
|-----|--------|---|-----------|-----------|--------|--------|--------|-----------|----------|----------|
| J23 | BJOZM  | 0 | UPPERSOIL | BUCKET    | 109,68 | 122,81 | 98,7   | 7.8.2009  | 10:24:48 |          |
| J23 | BMBAL  | 0 | UPPERSOIL | BUCKET    | 109,53 | 122,7  | 98,51  | 10.8.2009 | 11:30:57 |          |
| J23 | CBHPZ  | 0 | UPPERSOIL | BUCKET    | 109,19 | 122,81 | 98,5   | 10.8.2009 | 14:36:34 |          |
| J23 | CLXJU  | 0 | UPPERSOIL | BUCKET    | 109,59 | 122,82 | 98,56  | 10.8.2009 | 09:25:54 |          |
| J23 | CVKRI  | 0 | UPPERSOIL | BUCKET    | 109,26 | 122,29 | 98,68  | 8.8.2009  | 12:14:59 |          |
| J23 | DTJDB  | 0 | UPPERSOIL | BUCKET    | 109,61 | 122,19 | 98,55  | 10.8.2009 | 08:54:06 |          |
| J23 | EBWGE  | 0 | DE        | TOPO      | 109,08 | 122,08 | 98,52  | 12.8.2009 | 11:28:42 |          |
| J23 | EPUXS  | 0 | UPPERSOIL | BUCKET    | 109,37 | 122,18 | 98,49  | 10.8.2009 | 14:15:47 |          |
| J23 | EQSBH  | 0 | UPPERSOIL | BUCKET    | 109,22 | 122,24 | 98,49  | 10.8.2009 | 14:52:43 |          |
| J23 | FJGVW  | 0 | UPPERSOIL | BUCKET    | 109,73 | 122,84 | 98,68  | 7.8.2009  | 14:16:16 |          |
| J23 | FOYTA  | 0 | UPPERSOIL | BUCKET    | 109,26 | 122,75 | 98,58  | 9.8.2009  | 15:15:36 |          |
| J23 | FQGXN  | 0 | UPPERSOIL | BUCKET    | 109,66 | 122,43 | 98,68  | 6.8.2009  | 14:14:41 |          |
| J23 | GFLZU  | 0 | UPPERSOIL | BUCKET    | 109,7  | 122,26 | 98,73  | 6.8.2009  | 09:29:44 |          |
| J23 | GSZAS  | 0 | UPPERSOIL | BUCKET    | 109,74 | 122,74 | 98,62  | 9.8.2009  | 16:20:43 |          |
| J23 | HTXSJ  | 0 | UPPERSOIL | BUCKET    | 109,32 | 122,66 | 98,62  | 9.8.2009  | 14:07:31 |          |
| J23 | HYBDS  | 0 | UPPERSOIL | BUCKET    | 109,24 | 122,77 | 98,6   | 9.8.2009  | 14:46:16 |          |
| J23 | IBETK  | 0 | UPPERSOIL | BUCKET    | 109,54 | 122,86 | 98,52  | 10.8.2009 | 10:06:44 |          |
| J23 | ICYPD  | 0 | UPPERSOIL | BUCKET    | 109,25 | 122,23 | 98,59  | 9.8.2009  | 16:42:48 |          |
| J23 | JTBAG  | 0 | UPPERSOIL | BUCKET    | 109,66 | 122,44 | 98,66  | 6.8.2009  | 14:37:56 |          |
| J23 | KRCSA  | 0 | UPPERSOIL | BUCKET    | 109,19 | 122,36 | 98,63  | 8.8.2009  | 13:58:44 |          |
| J23 | MAKED  | 0 | UPPERSOIL | BUCKET    | 109,77 | 122,22 | 98,59  | 9.8.2009  | 16:41:35 |          |
| J23 | MFMXN  | 0 | UPPERSOIL | TAMIS     | 109,19 | 122,74 | 98,52  | 10.8.2009 | 11:50:54 |          |
| J23 | NNIHB  | 0 | UPPERSOIL | BUCKET    | 109,36 | 122,07 | 98,5   | 10.8.2009 | 11:49:54 |          |
| J23 | NXMUH  | 0 | UPPERSOIL | BUCKET    | 109,74 | 122,75 | 98,72  | 7.8.2009  | 09:54:25 |          |
| J23 | OUEQH  | 0 | UPPERSOIL | BUCKET    | 109,53 | 122,81 | 98,51  | 10.8.2009 | 10:52:35 |          |
| J23 | OXWWK  | 0 | UPPERSOIL | BUCKET    | 109,25 | 122,76 | 98,68  | 8.8.2009  | 09:56:07 |          |
| J23 | PJHAT  | 0 | UPPERSOIL | BUCKET    | 109,24 | 122,12 | 98,73  | 8.8.2009  | 10:32:59 |          |
| J23 | PZPNU  | 0 | UPPERSOIL | BUCKET    | 109,24 | 122,25 | 98,71  | 8.8.2009  | 11:36:31 |          |
| J23 | SHKCN  | 0 | UPPERSOIL | BUCKET    | 109,41 | 122,79 | 98,71  | 7.8.2009  | 16:04:08 |          |
| J23 | SLQRN  | 0 | UPPERSOIL | BUCKET    | 109,63 | 122,22 | 98,5   | 10.8.2009 | 16:32:27 |          |
| J23 | SUSVK  | 0 | UPPERSOIL | BUCKET    | 109,7  | 122,7  | 98,6   | 9.8.2009  | 16:43:42 |          |
| J23 | THYZY  | 0 | UPPERSOIL | BUCKET    | 109,55 | 122,19 | 98,49  | 10.8.2009 | 16:15:28 |          |
| J23 | TTRY Y | 0 | UPPERSOIL | BUCKET    | 109,12 | 122,14 | 98,64  | 8.8.2009  | 13:57:30 |          |
| J23 | TXGPO  | 0 | UPPERSOIL | BUCKET    | 109,22 | 122,77 | 98,65  | 8.8.2009  | 11:37:18 |          |
| J23 | UJBXE  | 0 | UPPERSOIL | BUCKET    | 109,28 | 122,31 | 98,55  | 10.8.2009 | 08:52:08 |          |
| J23 | UWIKO  | 0 | UPPERSOIL | BUCKET    | 109,74 | 122,74 | 98,64  | 8.8.2009  | 09:57:17 |          |
| J23 | VDLKZ  | 0 | DE        | TOPO      | 109,11 | 122,6  | 98,55  | 12.8.2009 | 11:29:46 |          |
| J23 | VOWVR  | 0 | UPPERSOIL | BUCKET    | 109,34 | 122,88 | 98,74  | 7.8.2009  | 15:20:48 |          |
| J23 | XGFOD  | 0 | UPPERSOIL | BUCKET    | 109,73 | 122,19 | 98,7   | 6.8.2009  | 13:30:31 |          |
| J23 | YCGMT  | 0 | UPPERSOIL | BUCKET    | 109,25 | 122,8  | 98,55  | 9.8.2009  | 16:22:09 |          |
| J23 | YKBU   | 0 | UPPERSOIL | BUCKET    | 109,65 | 122,75 | 98,74  | 6.8.2009  | 16:20:16 |          |
| J23 | YXHCX  | 0 | UPPERSOIL | BUCKET    | 109,32 | 122,83 | 98,76  | 7.8.2009  | 14:17:16 |          |
| J23 | ZCBPB  | 0 | UPPERSOIL | BUCKET    | 109,62 | 122,39 | 98,63  | 6.8.2009  | 16:00:01 |          |
| J24 |        | 1 | 0         | UPPERSOIL | FLINT  | 109,3  | 123,59 | 98,73     | 5.8.2009 | 12:30:23 |
| J24 |        | 1 | 1         | UPPERSOIL | FLINT  | 109,29 | 123,63 | 98,72     | 5.8.2009 | 12:30:23 |

|     |       |   |             |        |        |        |       |           |          |
|-----|-------|---|-------------|--------|--------|--------|-------|-----------|----------|
| J24 |       | 2 | 0 UPPERSOIL | FLINT  | 109,37 | 123,53 | 98,65 | 5.8.2009  | 15:58:22 |
| J24 |       | 2 | 1 UPPERSOIL | FLINT  | 109,37 | 123,47 | 98,66 | 5.8.2009  | 15:58:22 |
| J24 | AGEIU |   | 0 UPPERSOIL | BUCKET | 109,3  | 123,24 | 98,52 | 7.8.2009  | 11:32:55 |
| J24 | ARSRC |   | 0 UPPERSOIL | BUCKET | 109,74 | 123,69 | 98,74 | 4.8.2009  | 15:35:59 |
| J24 | BXQLX |   | 0 UPPERSOIL | BUCKET | 109,31 | 123,4  | 98,62 | 5.8.2009  | 10:58:10 |
| J24 | BYJMT |   | 0 UPPERSOIL | TAMIS  | 109,75 | 123,25 | 98,72 | 4.8.2009  | 15:22:29 |
| J24 | BZFBR |   | 0 UPPERSOIL | BUCKET | 109,74 | 123,25 | 98,53 | 6.8.2009  | 10:08:18 |
| J24 | CTWGH |   | 0 UPPERSOIL | BUCKET | 109,25 | 123,74 | 98,7  | 5.8.2009  | 12:28:43 |
| J24 | CVIJK |   | 0 UPPERSOIL | TAMIS  | 109,26 | 123,75 | 98,66 | 5.8.2009  | 15:20:04 |
| J24 | EDQWK |   | 0 UPPERSOIL | BUCKET | 109,72 | 123,72 | 98,56 | 6.8.2009  | 15:01:11 |
| J24 | EGJQW |   | 0 UPPERSOIL | BUCKET | 109,73 | 123,28 | 98,74 | 4.8.2009  | 15:00:58 |
| J24 | FVEEY |   | 0 UPPERSOIL | BUCKET | 109,31 | 123,2  | 98,59 | 6.8.2009  | 13:39:34 |
| J24 | FYBEU |   | 0 UPPERSOIL | BUCKET | 109,25 | 123,75 | 98,61 | 5.8.2009  | 16:29:57 |
| J24 | FYCSF |   | 0 UPPERSOIL | BUCKET | 109,59 | 123,68 | 98,54 | 7.8.2009  | 14:18:24 |
| J24 | GJSKI |   | 0 UPPERSOIL | BUCKET | 109,3  | 123,4  | 98,65 | 5.8.2009  | 10:07:05 |
| J24 | HLJDJ |   | 0 UPPERSOIL | BUCKET | 109,81 | 123,26 | 98,61 | 4.8.2009  | 16:44:13 |
| J24 | HXSQK |   | 0 UPPERSOIL | TAMIS  | 109,32 | 123,29 | 98,49 | 7.8.2009  | 11:56:20 |
| J24 | IGNBB |   | 0 UPPERSOIL | BUCKET | 109,61 | 123,27 | 98,59 | 5.8.2009  | 10:10:09 |
| J24 | IHGMM |   | 0 UPPERSOIL | BUCKET | 109,65 | 123,61 | 98,67 | 5.8.2009  | 10:08:10 |
| J24 | JBKUM |   | 0 UPPERSOIL | BUCKET | 109,65 | 123,18 | 98,62 | 4.8.2009  | 16:32:57 |
| J24 | JDASA |   | 0 UPPERSOIL | BUCKET | 109,23 | 123,74 | 98,69 | 5.8.2009  | 15:07:23 |
| J24 | JOWZU |   | 0 AC        | TOPO   | 109,44 | 124,04 | 99,08 | 10.8.2009 | 15:36:31 |
| J24 | JUKVW |   | 0 UPPERSOIL | BUCKET | 109,73 | 123,78 | 98,77 | 4.8.2009  | 15:00:15 |
| J24 | LGLVX |   | 0 UPPERSOIL | BUCKET | 109,3  | 123,66 | 98,5  | 6.8.2009  | 16:21:10 |
| J24 | LICNI |   | 0 UPPERSOIL | BUCKET | 109,59 | 123,72 | 98,6  | 6.8.2009  | 11:00:48 |
| J24 | MREMS |   | 0 UPPERSOIL | TAMIS  | 109,3  | 123,26 | 98,6  | 6.8.2009  | 10:35:29 |
| J24 | MTVYX |   | 0 UPPERSOIL | BUCKET | 109,23 | 123,73 | 98,73 | 5.8.2009  | 11:35:30 |
| J24 | MUHSF |   | 0 UPPERSOIL | BUCKET | 109,33 | 123,65 | 98,76 | 5.8.2009  | 10:05:25 |
| J24 | NZSLV |   | 0 DE        | TOPO   | 109,1  | 123,47 | 98,56 | 12.8.2009 | 11:31:35 |
| J24 | PJDYA |   | 0 UPPERSOIL | BUCKET | 109,74 | 123,68 | 98,69 | 4.8.2009  | 16:55:34 |
| J24 | PKQAF |   | 0 UPPERSOIL | BUCKET | 109,65 | 123,68 | 98,72 | 4.8.2009  | 16:36:24 |
| J24 | PQGXX |   | 0 DE        | TOPO   | 109,12 | 123,02 | 98,56 | 12.8.2009 | 11:30:39 |
| J24 | QFZJK |   | 0 UPPERSOIL | BUCKET | 109,3  | 123,7  | 98,64 | 5.8.2009  | 15:57:03 |
| J24 | QMYBY |   | 0 UPPERSOIL | BUCKET | 109,64 | 123,68 | 98,51 | 7.8.2009  | 15:21:43 |
| J24 | QPCPP |   | 0 UPPERSOIL | BUCKET | 109,2  | 123,26 | 98,76 | 4.8.2009  | 15:04:53 |
| J24 | RVUWD |   | 0 UPPERSOIL | BUCKET | 109,71 | 123,68 | 98,64 | 6.8.2009  | 09:27:20 |
| J24 | RYJAY |   | 0 UPPERSOIL | BUCKET | 109,28 | 123,35 | 98,7  | 4.8.2009  | 16:34:47 |
| J24 | TBZGF |   | 0 DE        | TOPO   | 109,12 | 123,96 | 98,57 | 12.8.2009 | 11:32:31 |
| J24 | THMPN |   | 0 UPPERSOIL | BUCKET | 109,25 | 123,38 | 98,67 | 4.8.2009  | 16:57:12 |
| J24 | TXDAG |   | 0 UPPERSOIL | BUCKET | 109,7  | 123,7  | 98,61 | 6.8.2009  | 09:49:01 |
| J24 | TZROP |   | 0 UPPERSOIL | BUCKET | 109,69 | 123,32 | 98,51 | 6.8.2009  | 15:00:27 |
| J24 | UCSQF |   | 0 UPPERSOIL | BUCKET | 109,63 | 123,34 | 98,68 | 4.8.2009  | 15:50:48 |
| J24 | WVMPI |   | 0 UPPERSOIL | BUCKET | 109,28 | 123,75 | 98,58 | 5.8.2009  | 16:59:26 |
| J24 | XNCMM |   | 0 UPPERSOIL | BUCKET | 109,33 | 123,67 | 98,54 | 6.8.2009  | 13:40:40 |
| J24 | YJTRW |   | 0 UPPERSOIL | BUCKET | 109,27 | 123,25 | 98,73 | 4.8.2009  | 15:37:37 |

|     |       |   |   |            |            |        |        |        |           |          |
|-----|-------|---|---|------------|------------|--------|--------|--------|-----------|----------|
| J24 | ZBOAJ |   | 0 | UPPERSOIL  | TAMIS      | 109,71 | 123,24 | 98,57  | 6.8.2009  | 09:25:38 |
| J25 | CXBSK |   | 0 | AC         | TOPO       | 109,91 | 124,05 | 99,1   | 10.8.2009 | 15:38:57 |
| J25 | LWJPF |   | 0 | SURFACE    | TOPO       | 109,44 | 124,07 | 99,38  | 4.8.2009  | 13:52:01 |
| J40 | EJOTL |   | 0 | AB         | TOPO       | 109,64 | 140,02 | 99,98  | 14.8.2009 | 10:26:50 |
| J40 | SLSDX |   | 0 | SURFACE    | TOPO       | 110    | 140    | 100,23 | 3.8.2009  | 16:27:16 |
| J40 | XFGFF |   | 0 | SURFACE    | TOPO       | 109    | 139,98 | 100,22 | 4.8.2009  | 14:17:27 |
| J41 |       | 1 | 0 | UPPERSOIL  | FLINT      | 109,43 | 140,59 | 99,45  | 7.8.2009  | 11:52:26 |
| J41 |       | 2 | 0 | UPPERSOIL  | FLINT      | 109,83 | 140,57 | 99,48  | 10.8.2009 | 09:05:10 |
| J41 |       | 2 | 1 | UPPERSOIL  | FLINT      | 109,84 | 140,64 | 99,47  | 10.8.2009 | 09:05:10 |
| J41 |       | 3 | 0 | UPPERSOIL  | CHARCOAL   | 109,79 | 140,12 | 99,39  | 12.8.2009 | 11:43:24 |
| J41 |       | 4 | 0 | UPPERSOIL  | FLINT      | 109,9  | 140,11 | 99,4   | 12.8.2009 | 11:50:50 |
| J41 |       | 4 | 1 | UPPERSOIL  | FLINT      | 109,89 | 140,09 | 99,37  | 12.8.2009 | 11:50:50 |
| J41 | CJFBY |   | 0 | TOPO       | MICROMORPH | 109,94 | 140,34 | 100,03 | 12.8.2009 | 09:54:44 |
| J41 | RHJND |   | 0 | BD         | TOPO       | 109,66 | 140,03 | 99,59  | 14.8.2009 | 10:28:15 |
| J41 | XGJBU |   | 0 | DE         | TOPO       | 109,62 | 140,04 | 99,33  | 14.8.2009 | 10:29:16 |
| J42 | YMGSH |   | 0 | SURFACE    | TOPO       | 110    | 142    | 100,32 | 3.8.2009  | 16:24:10 |
| J43 | DOITI |   | 0 | SURFACE    | TOPO       | 109,98 | 142,1  | 100,37 | 4.8.2009  | 14:19:15 |
| J43 | EAIGT |   | 0 | SURFACE    | TOPO       | 109,01 | 142,01 | 100,41 | 4.8.2009  | 14:18:03 |
| K19 | HAGGS |   | 0 | SURFACE    | TOPO       | 110,53 | 118,95 | 98,96  | 4.8.2009  | 13:41:07 |
| K19 | YAGYT |   | 0 | SURFACE    | TOPO       | 110,04 | 118,95 | 98,98  | 4.8.2009  | 13:40:36 |
| K20 |       | 1 | 0 | UPPERSOIL  | FLINT      | 110,96 | 119,19 | 98,46  | 5.8.2009  | 14:43:11 |
| K20 |       | 1 | 1 | UPPERSOIL  | FLINT      | 110,94 | 119,23 | 98,46  | 5.8.2009  | 14:43:11 |
| K20 |       | 2 | 0 | UPPERSOIL  | CHARCOAL   | 110,84 | 119,29 | 98,43  | 6.8.2009  | 12:59:08 |
| K20 |       | 3 | 0 | UPPERSOIL  | FLINT      | 110,92 | 119,16 | 98,4   | 7.8.2009  | 16:19:03 |
| K20 |       | 4 | 0 | UPPERSOIL  | CHARCOAL   | 110,24 | 119,8  | 98,65  | 10.8.2009 | 10:11:33 |
| K20 |       | 5 | 0 | UPPERSOIL  | FLINT      | 110,72 | 119,37 | 98,3   | 10.8.2009 | 14:31:01 |
| K20 | AESDS |   | 0 | DE         | TOPO       | 110,95 | 119,23 | 98,32  | 12.8.2009 | 10:08:06 |
| K20 | AGWQG |   | 0 | AD         | TOPO       | 110,61 | 119,49 | 98,68  | 11.8.2009 | 11:24:16 |
| K20 | AKKCI |   | 0 | UPPERSOIL  | BUCKET     | 110,88 | 119,42 | 98,24  | 10.8.2009 | 14:22:47 |
| K20 | AVLBO |   | 0 | UPPERSOIL  | TAMIS      | 110,04 | 119,49 | 98,53  | 12.8.2009 | 12:09:34 |
| K20 | BTKII |   | 0 | DE         | TOPO       | 110,65 | 119,54 | 98,42  | 11.8.2009 | 12:14:00 |
| K20 | BUNRR |   | 0 | UPPERSOIL  | BUCKET     | 110,64 | 119,51 | 98,48  | 5.8.2009  | 14:18:00 |
| K20 | BZOJZ |   | 0 | UPPERSOIL  | BUCKET     | 110,34 | 119,4  | 98,68  | 11.8.2009 | 16:12:24 |
| K20 | CNYRO |   | 0 | UPPERSOIL  | BUCKET     | 110,22 | 119,95 | 98,52  | 10.8.2009 | 16:17:58 |
| K20 | DCPDT |   | 0 | AD         | TOPO       | 110,62 | 119,09 | 98,68  | 11.8.2009 | 11:15:29 |
| K20 | DETFS |   | 0 | UPPERSOIL  | BUCKET     | 110,41 | 119,94 | 98,45  | 12.8.2009 | 09:46:53 |
| K20 | EDKZD |   | 0 | UPPERSOIL  | BUCKET     | 110,67 | 119,61 | 98,47  | 4.8.2009  | 12:24:41 |
| K20 | EZWIV |   | 0 | UPPERSOIL  | BUCKET     | 110,38 | 119,44 | 98,61  | 12.8.2009 | 10:28:16 |
| K20 | FMQLO |   | 0 | UPPERSOIL  | TAMIS      | 110,07 | 119,9  | 98,5   | 11.8.2009 | 16:16:25 |
| K20 | HQYKJ |   | 0 | UPPERSOIL  | BUCKET     | 110,78 | 119,3  | 98,54  | 4.8.2009  | 13:15:16 |
| K20 | ISVRV |   | 0 | UPPERSOIL  | BUCKET     | 110,3  | 119,95 | 98,58  | 10.8.2009 | 14:14:58 |
| K20 | IYTUX |   | 0 | DE         | TOPO       | 110,59 | 119,24 | 98,34  | 12.8.2009 | 10:09:29 |
| K20 | KGHDS |   | 0 | DE         | TOPO       | 110,67 | 119,24 | 98,35  | 11.8.2009 | 11:51:34 |
| K20 | KKSSZ |   | 0 | UPPERLOESS | BUCKET     | 110,77 | 119,34 | 98,35  | 8.8.2009  | 09:58:50 |
| K20 | LDKQW |   | 0 | UPPERSOIL  | BUCKET     | 110,9  | 119,52 | 98,38  | 7.8.2009  | 16:16:49 |

|     |       |   |           |           |        |        |        |           |          |          |
|-----|-------|---|-----------|-----------|--------|--------|--------|-----------|----------|----------|
| K20 | LTMLC | 0 | UPPERSOIL | TAMIS     | 110,39 | 119,47 | 98,65  | 12.8.2009 | 09:23:40 |          |
| K20 | MBIMZ | 0 | UPPERSOIL | BUCKET    | 110,25 | 119,33 | 98,61  | 12.8.2009 | 09:58:42 |          |
| K20 | MINAA | 0 | UPPERSOIL | BUCKET    | 110,39 | 119,91 | 98,63  | 10.8.2009 | 11:01:47 |          |
| K20 | MJAHl | 0 | UPPERSOIL | BUCKET    | 110,28 | 119,39 | 98,48  | 12.8.2009 | 16:16:21 |          |
| K20 | MMUPZ | 0 | UPPERSOIL | BUCKET    | 110,45 | 119,93 | 98,47  | 12.8.2009 | 09:26:10 |          |
| K20 | MXAKC | 0 | UPPERSOIL | BUCKET    | 110,29 | 119,44 | 98,58  | 12.8.2009 | 10:53:29 |          |
| K20 | NSPKO | 0 | UPPERSOIL | BUCKET    | 110,76 | 119,42 | 98,52  | 4.8.2009  | 14:00:57 |          |
| K20 | OKSKO | 0 | UPPERSOIL | TAMIS     | 110,23 | 119,32 | 98,46  | 12.8.2009 | 16:37:35 |          |
| K20 | OSHUI | 0 | UPPERSOIL | BUCKET    | 110,64 | 119,48 | 98,29  | 10.8.2009 | 14:19:11 |          |
| K20 | OWMIX | 0 | AD        | TOPO      | 110,85 | 119,02 | 98,63  | 10.8.2009 | 16:05:56 |          |
| K20 | PGKOE | 0 | UPPERSOIL | BUCKET    | 110,75 | 119,46 | 98,33  | 10.8.2009 | 11:53:00 |          |
| K20 | PXCSU | 0 | UPPERSOIL | BUCKET    | 110,91 | 119,98 | 98,31  | 8.8.2009  | 11:39:18 |          |
| K20 | QFDDQ | 0 | UPPERSOIL | BUCKET    | 110,78 | 119,26 | 98,57  | 4.8.2009  | 12:04:46 |          |
| K20 | QFRXS | 0 | UPPERSOIL | BUCKET    | 110,77 | 119,82 | 98,43  | 4.8.2009  | 12:45:34 |          |
| K20 | QLCKF | 0 | UPPERSOIL | BUCKET    | 110,67 | 119,68 | 98,36  | 6.8.2009  | 10:41:47 |          |
| K20 | RCAIF | 0 | UPPERSOIL | BUCKET    | 110,81 | 119,48 | 98,49  | 4.8.2009  | 15:08:07 |          |
| K20 | SBYXO | 0 | UPPERSOIL | BUCKET    | 110,23 | 119,38 | 98,49  | 12.8.2009 | 15:13:52 |          |
| K20 | SZSCI | 0 | UPPERSOIL | BUCKET    | 110,35 | 119,9  | 98,64  | 10.8.2009 | 10:25:07 |          |
| K20 | WAVER | 0 | UPPERSOIL | BUCKET    | 110,76 | 119,49 | 98,44  | 5.8.2009  | 15:13:29 |          |
| K20 | WCWDX | 0 | UPPERSOIL | BUCKET    | 110,78 | 119,7  | 98,4   | 5.8.2009  | 15:55:11 |          |
| K20 | WIURE | 0 | UPPERSOIL | BUCKET    | 110,38 | 119,86 | 98,54  | 10.8.2009 | 14:47:11 |          |
| K20 | WMVCM | 0 | UPPERSOIL | BUCKET    | 110,92 | 119,63 | 98,53  | 4.8.2009  | 12:53:46 |          |
| K20 | XRYNY | 0 | UPPERSOIL | BUCKET    | 110,18 | 119,51 | 98,55  | 12.8.2009 | 11:36:22 |          |
| K20 | XUBWH | 0 | UPPERSOIL | TAMIS     | 110,23 | 119,37 | 98,43  | 12.8.2009 | 16:56:32 |          |
| K20 | YACPX | 0 | UPPERSOIL | BUCKET    | 110,22 | 119,97 | 98,68  | 10.8.2009 | 09:56:00 |          |
| K20 | YKJFF | 0 | UPPERSOIL | BUCKET    | 110,84 | 119,46 | 98,4   | 6.8.2009  | 13:42:33 |          |
| K20 | YQRLI | 0 | UPPERSOIL | TAMIS     | 110,4  | 119,82 | 98,6   | 10.8.2009 | 11:47:45 |          |
| K20 | ZGWVC | 0 | UPPERSOIL | BUCKET    | 110,7  | 119,69 | 98,33  | 6.8.2009  | 14:43:44 |          |
| K21 |       | 1 | 0         | UPPERSOIL | BONE   | 110,59 | 120,12 | 98,53     | 5.8.2009 | 10:24:12 |
| K21 |       | 1 | 1         | UPPERSOIL | BONE   | 110,58 | 120,09 | 98,53     | 5.8.2009 | 10:24:12 |
| K21 |       | 2 | 0         | UPPERSOIL | FLINT  | 110,72 | 120,76 | 98,45     | 9.8.2009 | 16:25:17 |
| K21 |       | 2 | 1         | UPPERSOIL | FLINT  | 110,74 | 120,77 | 98,4      | 9.8.2009 | 16:25:17 |
| K21 | AKTEX | 0 | UPPERSOIL | BUCKET    | 110,23 | 120,8  | 98,53  | 10.8.2009 | 16:09:56 |          |
| K21 | ATQRI | 0 | UPPERSOIL | TAMIS     | 110,3  | 120,77 | 98,7   | 10.8.2009 | 11:18:14 |          |
| K21 | AVAEN | 0 | UPPERSOIL | TAMIS     | 110,65 | 120,41 | 98,42  | 6.8.2009  | 16:16:13 |          |
| K21 | BSTFZ | 0 | UPPERSOIL | BUCKET    | 110,38 | 120,83 | 98,63  | 10.8.2009 | 14:14:04 |          |
| K21 | DMBRA | 0 | UPPERSOIL | BUCKET    | 110,27 | 120,33 | 98,56  | 12.8.2009 | 11:35:26 |          |
| K21 | DWRLV | 0 | UPPERSOIL | BUCKET    | 110,84 | 120,79 | 98,59  | 6.8.2009  | 11:09:51 |          |
| K21 | EFNDX | 0 | UPPERSOIL | BUCKET    | 110,13 | 120,63 | 98,74  | 10.8.2009 | 09:57:46 |          |
| K21 | EKPAR | 0 | UPPERSOIL | BUCKET    | 110,63 | 120,41 | 98,56  | 5.8.2009  | 10:20:29 |          |
| K21 | EOCBK | 0 | DE        | TOPO      | 110,63 | 120,46 | 98,48  | 11.8.2009 | 12:16:29 |          |
| K21 | EXCTR | 0 | UPPERSOIL | BUCKET    | 110,77 | 120,74 | 98,61  | 6.8.2009  | 10:22:42 |          |
| K21 | FCQLG | 0 | UPPERSOIL | BUCKET    | 110,24 | 120,27 | 98,67  | 11.8.2009 | 16:24:09 |          |
| K21 | FGVGZ | 0 | UPPERSOIL | BUCKET    | 110,8  | 120,32 | 98,37  | 8.8.2009  | 11:11:06 |          |
| K21 | FMFQV | 0 | UPPERSOIL | BUCKET    | 110,24 | 120,3  | 98,71  | 11.8.2009 | 12:38:56 |          |

|     |       |   |           |           |        |        |        |           |           |          |
|-----|-------|---|-----------|-----------|--------|--------|--------|-----------|-----------|----------|
| K21 | HPHFM | 0 | UPPERSOIL | TAMIS     | 110,2  | 120,88 | 98,51  | 12.8.2009 | 09:27:02  |          |
| K21 | HRPXJ | 0 | UPPERSOIL | BUCKET    | 110,27 | 120,31 | 98,54  | 12.8.2009 | 12:13:38  |          |
| K21 | HRSHZ | 0 | UPPERSOIL | BUCKET    | 110,25 | 120,33 | 98,64  | 12.8.2009 | 09:18:36  |          |
| K21 | HUFBL | 0 | UPPERSOIL | TAMIS     | 110,72 | 120,44 | 98,51  | 5.8.2009  | 12:25:44  |          |
| K21 | INFSZ | 0 | UPPERSOIL | BUCKET    | 110,78 | 120,23 | 98,33  | 10.8.2009 | 14:33:11  |          |
| K21 | IQXNQ | 0 | UPPERSOIL | TAMIS     | 110,73 | 120,18 | 98,46  | 6.8.2009  | 09:43:24  |          |
| K21 | IRNML | 0 | UPPERSOIL | BUCKET    | 110,82 | 120,81 | 98,57  | 6.8.2009  | 13:21:59  |          |
| K21 | KJIKZ | 0 | UPPERSOIL | BUCKET    | 110,29 | 120,39 | 98,49  | 12.8.2009 | 14:59:19  |          |
| K21 | KWZIP | 0 | UPPERSOIL | BUCKET    | 110,25 | 120,27 | 98,69  | 11.8.2009 | 16:07:36  |          |
| K21 | KXLQV | 0 | UPPERSOIL | BUCKET    | 110,79 | 120,79 | 98,48  | 8.8.2009  | 16:11:14  |          |
| K21 | LATXL | 0 | AD        | TOPO      | 110,57 | 121    | 98,82  | 11.8.2009 | 11:29:10  |          |
| K21 | MDEIR | 0 | UPPERSOIL | BUCKET    | 110,28 | 120,38 | 98,52  | 12.8.2009 | 14:33:41  |          |
| K21 | NELGP | 0 | UPPERSOIL | BUCKET    | 110,81 | 120,16 | 98,38  | 6.8.2009  | 16:18:49  |          |
| K21 | NMMHA | 0 | UPPERSOIL | BUCKET    | 110,78 | 120,26 | 98,58  | 4.8.2009  | 16:30:20  |          |
| K21 | OMHVC | 0 | AD        | TOPO      | 110,6  | 120,06 | 98,73  | 11.8.2009 | 11:25:29  |          |
| K21 | OZWHJ | 0 | UPPERSOIL | BUCKET    | 110,86 | 120,66 | 98,43  | 9.8.2009  | 16:12:16  |          |
| K21 | PJHKL | 0 | UPPERSOIL | BUCKET    | 110,83 | 120,81 | 98,5   | 6.8.2009  | 15:22:14  |          |
| K21 | PRDBA | 0 | UPPERSOIL | TAMIS     | 110,82 | 120,83 | 98,46  | 9.8.2009  | 09:25:38  |          |
| K21 | QTLTM | 0 | UPPERSOIL | BUCKET    | 110,16 | 120,91 | 98,57  | 10.8.2009 | 15:28:35  |          |
| K21 | TCWVY | 0 | UPPERSOIL | BUCKET    | 110,79 | 120,8  | 98,53  | 6.8.2009  | 14:41:31  |          |
| K21 | UPZHA | 0 | UPPERSOIL | BUCKET    | 110,78 | 120,76 | 98,64  | 6.8.2009  | 09:32:03  |          |
| K21 | URTOG | 0 | AD        | TOPO      | 110,55 | 120,49 | 98,73  | 11.8.2009 | 11:26:26  |          |
| K21 | VNHKC | 0 | UPPERSOIL | BUCKET    | 110,39 | 120,35 | 98,6   | 12.8.2009 | 10:16:37  |          |
| K21 | VODIP | 0 | DE        | TOPO      | 110,63 | 120,98 | 98,44  | 11.8.2009 | 12:20:11  |          |
| K21 | VUJOV | 0 | UPPERSOIL | BUCKET    | 110,25 | 120,78 | 98,67  | 10.8.2009 | 11:45:07  |          |
| K21 | WAHQP | 0 | DE        | TOPO      | 110,63 | 120    | 98,47  | 11.8.2009 | 12:15:20  |          |
| K21 | WAWKC | 0 | UPPERSOIL | BUCKET    | 110,79 | 120,28 | 98,3   | 10.8.2009 | 15:25:22  |          |
| K21 | WGZRT | 0 | UPPERSOIL | BUCKET    | 110,84 | 120,81 | 98,54  | 6.8.2009  | 14:12:28  |          |
| K21 | WIIXK | 0 | UPPERSOIL | BUCKET    | 110,8  | 120,29 | 98,27  | 10.8.2009 | 16:11:03  |          |
| K21 | XHPVN | 0 | UPPERSOIL | BUCKET    | 110,3  | 120,3  | 98,59  | 12.8.2009 | 10:52:42  |          |
| K21 | XJTTD | 0 | UPPERSOIL | BUCKET    | 110,7  | 120,07 | 98,44  | 6.8.2009  | 13:01:35  |          |
| K21 | XKBRN | 0 | UPPERSOIL | BUCKET    | 110,28 | 120,77 | 98,58  | 10.8.2009 | 14:35:44  |          |
| K21 | XLZBK | 0 | UPPERSOIL | BUCKET    | 110,72 | 120,17 | 98,52  | 5.8.2009  | 11:21:18  |          |
| K21 | XUXJW | 0 | UPPERSOIL | BUCKET    | 110,31 | 120,79 | 98,72  | 10.8.2009 | 10:47:59  |          |
| K21 | XVAPN | 0 | UPPERSOIL | BUCKET    | 110,33 | 120,81 | 98,65  | 10.8.2009 | 12:19:18  |          |
| K21 | YOVMB | 0 | UPPERSOIL | BUCKET    | 110,87 | 120,31 | 98,62  | 4.8.2009  | 15:28:49  |          |
| K21 | ZRSQL | 0 | UPPERSOIL | BUCKET    | 110,16 | 120,71 | 98,47  | 12.8.2009 | 17:27:56  |          |
| K22 |       | 1 | 0         | UPPERSOIL | FLINT  | 110,88 | 121,57 | 98,52     | 6.8.2009  | 09:10:56 |
| K22 |       | 1 | 1         | UPPERSOIL | FLINT  | 110,88 | 121,6  | 98,52     | 6.8.2009  | 09:10:56 |
| K22 |       | 2 | 0         | UPPERSOIL | FLINT  | 110,02 | 121,82 | 98,69     | 10.8.2009 | 14:12:59 |
| K22 |       | 3 | 0         | UPPERSOIL | FLINT  | 110,5  | 121,98 | 98,63     | 12.8.2009 | 15:22:12 |
| K22 |       | 3 | 1         | UPPERSOIL | FLINT  | 110,46 | 121,98 | 98,59     | 12.8.2009 | 15:22:12 |
| K22 |       | 4 | 0         | UPPERSOIL | FLINT  | 110,33 | 121,48 | 98,59     | 12.8.2009 | 15:47:53 |
| K22 |       | 4 | 1         | UPPERSOIL | FLINT  | 110,35 | 121,51 | 98,57     | 12.8.2009 | 15:47:53 |
| K22 | AFOKY | 0 | UPPERSOIL | BUCKET    | 110,77 | 121,85 | 98,42  | 6.8.2009  | 11:08:16  |          |

|     |        |             |        |        |        |       |           |          |
|-----|--------|-------------|--------|--------|--------|-------|-----------|----------|
| K22 | AMIZN  | 0 UPPERSOIL | BUCKET | 110,89 | 121,93 | 98,63 | 5.8.2009  | 11:48:31 |
| K22 | BNTSL  | 0 UPPERSOIL | BUCKET | 110,13 | 121,19 | 98,74 | 12.8.2009 | 09:19:48 |
| K22 | CRSBN  | 0 DE        | TOPO   | 110,67 | 121,97 | 98,54 | 11.8.2009 | 12:23:12 |
| K22 | CWKJE  | 0 UPPERSOIL | BUCKET | 110,26 | 121,24 | 98,63 | 12.8.2009 | 14:56:48 |
| K22 | DDEIQ  | 0 UPPERSOIL | BUCKET | 110,9  | 121,54 | 98,6  | 5.8.2009  | 14:10:43 |
| K22 | DEPNZ  | 0 UPPERSOIL | TAMIS  | 110,79 | 121,31 | 98,56 | 5.8.2009  | 14:33:37 |
| K22 | DZLJD  | 0 UPPERSOIL | BUCKET | 110,36 | 121,16 | 98,64 | 12.8.2009 | 14:35:00 |
| K22 | ERPLD  | 0 UPPERSOIL | BUCKET | 110,74 | 121,88 | 98,65 | 5.8.2009  | 11:20:27 |
| K22 | EXGZW  | 0 UPPERSOIL | BUCKET | 110,24 | 121,68 | 98,8  | 10.8.2009 | 10:08:44 |
| K22 | FYUNV  | 0 UPPERSOIL | TAMIS  | 110,82 | 121,23 | 98,6  | 5.8.2009  | 11:36:11 |
| K22 | GRPZL  | 0 UPPERSOIL | BUCKET | 110,28 | 121,2  | 98,76 | 11.8.2009 | 16:13:23 |
| K22 | HDLHG  | 0 UPPERSOIL | BUCKET | 110,21 | 121,29 | 98,51 | 12.8.2009 | 17:29:06 |
| K22 | HFNGC  | 0 AD        | TOPO   | 110,62 | 121,48 | 98,82 | 11.8.2009 | 11:30:37 |
| K22 | HSBSI  | 0 UPPERSOIL | BUCKET | 110,27 | 121,25 | 98,79 | 11.8.2009 | 12:40:31 |
| K22 | IDHTE  | 0 UPPERSOIL | BUCKET | 110,19 | 121,76 | 98,77 | 10.8.2009 | 11:16:56 |
| K22 | IWAAP  | 0 UPPERSOIL | BUCKET | 110,91 | 121,24 | 98,63 | 5.8.2009  | 10:38:07 |
| K22 | JEHBI  | 0 UPPERSOIL | BUCKET | 110,25 | 121,16 | 98,6  | 12.8.2009 | 16:25:49 |
| K22 | JJIMB  | 0 UPPERSOIL | BUCKET | 110,35 | 121,28 | 98,66 | 12.8.2009 | 12:11:29 |
| K22 | JYUMO  | 0 UPPERSOIL | BUCKET | 110,34 | 121,31 | 98,55 | 12.8.2009 | 17:28:27 |
| K22 | KPTRN  | 0 UPPERSOIL | BUCKET | 110,19 | 121,82 | 98,55 | 12.8.2009 | 15:19:07 |
| K22 | KZGHM  | 0 UPPERSOIL | TAMIS  | 110,89 | 121,88 | 98,58 | 5.8.2009  | 15:52:48 |
| K22 | LCBGS  | 0 UPPERSOIL | BUCKET | 110,86 | 121,88 | 98,45 | 6.8.2009  | 10:24:29 |
| K22 | LRSPC  | 0 UPPERSOIL | BUCKET | 110,26 | 121,8  | 98,71 | 10.8.2009 | 12:06:09 |
| K22 | MZ XKZ | 0 UPPERSOIL | BUCKET | 110,15 | 121,28 | 98,61 | 12.8.2009 | 15:37:18 |
| K22 | NSFNU  | 0 UPPERSOIL | BUCKET | 110,26 | 121,8  | 98,52 | 12.8.2009 | 15:57:48 |
| K22 | NUDEN  | 0 UPPERSOIL | BUCKET | 110,19 | 121,8  | 98,59 | 10.8.2009 | 15:47:16 |
| K22 | NWVNL  | 0 UPPERSOIL | BUCKET | 110,28 | 121,8  | 98,5  | 12.8.2009 | 16:27:24 |
| K22 | OCFIO  | 0 UPPERSOIL | TAMIS  | 110,74 | 121,29 | 98,48 | 9.8.2009  | 10:14:22 |
| K22 | OEUSC  | 0 DE        | TOPO   | 110,64 | 121,51 | 98,52 | 11.8.2009 | 12:21:15 |
| K22 | PIUHC  | 0 UPPERSOIL | BUCKET | 110,75 | 121,8  | 98,53 | 5.8.2009  | 17:07:53 |
| K22 | QCWYM  | 0 UPPERSOIL | TAMIS  | 110,86 | 121,23 | 98,46 | 9.8.2009  | 11:46:55 |
| K22 | RMMAW  | 0 UPPERSOIL | BUCKET | 110,82 | 121,49 | 98,6  | 5.8.2009  | 14:15:21 |
| K22 | SHTUP  | 0 UPPERSOIL | TAMIS  | 110,27 | 121,76 | 98,78 | 10.8.2009 | 10:46:18 |
| K22 | SKRTX  | 0 UPPERSOIL | BUCKET | 110,85 | 121,27 | 98,44 | 9.8.2009  | 14:02:06 |
| K22 | SLZXW  | 0 UPPERSOIL | BUCKET | 110,22 | 121,79 | 98,75 | 10.8.2009 | 11:44:17 |
| K22 | SYRZN  | 0 UPPERSOIL | BUCKET | 110,94 | 121,01 | 98,66 | 5.8.2009  | 10:35:05 |
| K22 | TBABC  | 0 UPPERSOIL | BUCKET | 110,24 | 121,76 | 98,58 | 10.8.2009 | 16:09:08 |
| K22 | TSXXG  | 0 UPPERSOIL | BUCKET | 110,73 | 121,62 | 98,47 | 6.8.2009  | 09:37:58 |
| K22 | UDQSJ  | 0 UPPERSOIL | BUCKET | 110,25 | 121,18 | 98,69 | 12.8.2009 | 11:10:36 |
| K22 | UJDOO  | 0 UPPERSOIL | BUCKET | 110,82 | 121,83 | 98,51 | 6.8.2009  | 09:09:11 |
| K22 | UPZWS  | 0 UPPERSOIL | BUCKET | 110,75 | 121,62 | 98,56 | 5.8.2009  | 16:43:47 |
| K22 | USFFG  | 0 UPPERSOIL | TAMIS  | 110,8  | 121,8  | 98,68 | 4.8.2009  | 12:33:02 |
| K22 | UYSYQ  | 0 UPPERSOIL | BUCKET | 110,79 | 121,31 | 98,5  | 5.8.2009  | 16:16:39 |
| K22 | WKMKU  | 0 UPPERSOIL | BUCKET | 110,22 | 121,81 | 98,54 | 12.8.2009 | 15:35:03 |
| K22 | WVJZX  | 0 UPPERSOIL | BUCKET | 110,27 | 121,26 | 98,56 | 12.8.2009 | 17:04:47 |

|     |        |   |              |        |        |        |       |           |          |
|-----|--------|---|--------------|--------|--------|--------|-------|-----------|----------|
| K22 | WWBYG  | 0 | UPPERSOIL    | BUCKET | 110,2  | 121,92 | 98,65 | 10.8.2009 | 15:27:57 |
| K22 | WZDHK  | 0 | UPPERSOIL    | BUCKET | 110,37 | 121,24 | 98,72 | 12.8.2009 | 10:17:50 |
| K22 | XIHMQ  | 0 | UPPERSOIL    | TAMIS  | 110,82 | 121,28 | 98,52 | 5.8.2009  | 15:33:18 |
| K22 | XWWWWW | 0 | UPPERSOIL    | TAMIS  | 110,22 | 121,93 | 98,63 | 10.8.2009 | 15:31:13 |
| K22 | XXTCJ  | 0 | UPPERSOIL    | BUCKET | 110,24 | 121,77 | 98,68 | 10.8.2009 | 14:34:24 |
| K22 | YKJXQ  | 0 | UPPERSOIL    | BUCKET | 110,23 | 121,83 | 98,7  | 10.8.2009 | 14:12:19 |
| K23 |        | 1 | 0 UPPERLOESS | FLINT  | 110,86 | 122,08 | 98,89 | 3.8.2009  | 14:47:27 |
| K23 |        | 1 | 1 UPPERLOESS | FLINT  | 110,84 | 122,12 | 98,89 | 3.8.2009  | 14:47:27 |
| K23 |        | 2 | 0 UPPERSOIL  | FLINT  | 110,58 | 122,76 | 98,69 | 6.8.2009  | 11:15:49 |
| K23 |        | 3 | 0 UPPERSOIL  | FLINT  | 110,78 | 122,84 | 98,7  | 6.8.2009  | 13:28:36 |
| K23 |        | 3 | 1 UPPERSOIL  | FLINT  | 110,77 | 122,87 | 98,7  | 6.8.2009  | 13:28:36 |
| K23 | AMONB  | 0 | UPPERSOIL    | BUCKET | 110,78 | 122,29 | 98,7  | 4.8.2009  | 12:33:49 |
| K23 | BIAAR  | 0 | UPPERSOIL    | TAMIS  | 110,36 | 122,93 | 98,57 | 12.8.2009 | 15:00:18 |
| K23 | BVMEY  | 0 | UPPERSOIL    | BUCKET | 110,39 | 122,92 | 98,76 | 11.8.2009 | 16:26:53 |
| K23 | CPSJE  | 0 | UPPERSOIL    | BUCKET | 110,24 | 122,28 | 98,73 | 12.8.2009 | 11:39:28 |
| K23 | CSXGW  | 0 | UPPERSOIL    | BUCKET | 110,18 | 122,24 | 98,82 | 12.8.2009 | 09:29:47 |
| K23 | CTHME  | 0 | UPPERSOIL    | BUCKET | 110,25 | 122,29 | 98,7  | 12.8.2009 | 14:37:04 |
| K23 | CYJQQ  | 0 | UPPERSOIL    | BUCKET | 110,24 | 122,31 | 98,78 | 12.8.2009 | 10:23:03 |
| K23 | CZEUI  | 0 | UPPERSOIL    | BUCKET | 110,32 | 122,29 | 98,62 | 12.8.2009 | 15:51:39 |
| K23 | DFYYR  | 0 | UPPERSOIL    | BUCKET | 110,79 | 122,66 | 98,67 | 6.8.2009  | 11:14:22 |
| K23 | DHUUS  | 0 | UPPERSOIL    | BUCKET | 110,05 | 122,44 | 98,55 | 12.8.2009 | 17:26:02 |
| K23 | DRIXL  | 0 | UPPERSOIL    | BUCKET | 110,27 | 122,94 | 98,67 | 12.8.2009 | 10:18:40 |
| K23 | EBPBE  | 0 | UPPERSOIL    | BUCKET | 110,86 | 122,71 | 98,63 | 7.8.2009  | 10:09:07 |
| K23 | FAPIV  | 0 | UPPERSOIL    | BUCKET | 110,31 | 122,91 | 98,71 | 12.8.2009 | 09:20:36 |
| K23 | FCCFD  | 0 | UPPERSOIL    | BUCKET | 110,23 | 122,27 | 98,75 | 12.8.2009 | 11:09:33 |
| K23 | FGAHI  | 0 | UPPERSOIL    | BUCKET | 110,31 | 122,83 | 98,83 | 10.8.2009 | 16:13:30 |
| K23 | FGMAZ  | 0 | UPPERSOIL    | BUCKET | 110,77 | 122,33 | 98,49 | 9.8.2009  | 10:16:40 |
| K23 | FLUAC  | 0 | UPPERSOIL    | BUCKET | 110,24 | 122,25 | 98,56 | 12.8.2009 | 17:21:08 |
| K23 | GGIID  | 0 | CD           | TOPO   | 110,61 | 122,52 | 98,91 | 11.8.2009 | 11:33:30 |
| K23 | GHERX  | 0 | UPPERSOIL    | BUCKET | 110,75 | 122,85 | 98,56 | 8.8.2009  | 10:05:01 |
| K23 | GLPZI  | 0 | UPPERSOIL    | BUCKET | 110,25 | 122,24 | 98,64 | 12.8.2009 | 15:38:05 |
| K23 | GULKT  | 0 | CD           | TOPO   | 110,62 | 122,03 | 98,88 | 11.8.2009 | 11:32:11 |
| K23 | HEQVM  | 0 | UPPERSOIL    | BUCKET | 110,22 | 122,22 | 98,87 | 11.8.2009 | 16:06:30 |
| K23 | HOSRY  | 0 | UPPERSOIL    | BUCKET | 110,23 | 122,75 | 98,85 | 10.8.2009 | 14:54:00 |
| K23 | HRIPA  | 0 | UPPERSOIL    | BUCKET | 110,29 | 122,25 | 98,59 | 12.8.2009 | 16:28:56 |
| K23 | IUJWZ  | 0 | UPPERSOIL    | BUCKET | 110,31 | 122,24 | 98,66 | 12.8.2009 | 15:25:48 |
| K23 | JIDNT  | 0 | UPPERSOIL    | BUCKET | 110,26 | 122,32 | 98,56 | 12.8.2009 | 17:07:12 |
| K23 | KAHPZ  | 0 | UPPERSOIL    | BUCKET | 110,76 | 122,26 | 98,65 | 4.8.2009  | 14:06:45 |
| K23 | KPVJT  | 0 | UPPERSOIL    | BUCKET | 110,81 | 122,82 | 98,59 | 7.8.2009  | 14:02:31 |
| K23 | LGEKB  | 0 | UPPERSOIL    | BUCKET | 110,88 | 122,27 | 98,52 | 9.8.2009  | 09:41:49 |
| K23 | LQTYR  | 0 | UPPERSOIL    | BUCKET | 110,43 | 122,91 | 98,63 | 12.8.2009 | 14:36:22 |
| K23 | MQJHF  | 0 | UPPERSOIL    | BUCKET | 110,29 | 122,36 | 98,68 | 12.8.2009 | 15:03:45 |
| K23 | NAAMM  | 0 | UPPERSOIL    | BUCKET | 110,34 | 122,92 | 98,64 | 12.8.2009 | 11:34:11 |
| K23 | NANOM  | 0 | UPPERSOIL    | BUCKET | 110,27 | 122,32 | 98,71 | 12.8.2009 | 12:15:33 |
| K23 | ORQLW  | 0 | UPPERSOIL    | BUCKET | 110,82 | 122,15 | 98,57 | 8.8.2009  | 15:06:49 |

|     |       |   |           |           |        |        |        |           |          |          |
|-----|-------|---|-----------|-----------|--------|--------|--------|-----------|----------|----------|
| K23 | OVQFT | 0 | UPPERSOIL | BUCKET    | 110,73 | 122,87 | 98,54  | 8.8.2009  | 14:09:26 |          |
| K23 | PIFDY | 0 | UPPERSOIL | TAMIS     | 110,25 | 122,26 | 98,84  | 11.8.2009 | 16:37:35 |          |
| K23 | QJTWS | 0 | UPPERSOIL | TAMIS     | 110,3  | 122,94 | 98,8   | 11.8.2009 | 12:04:19 |          |
| K23 | QLSFJ | 0 | UPPERSOIL | BUCKET    | 110,76 | 122,27 | 98,68  | 4.8.2009  | 13:35:49 |          |
| K23 | RPHQF | 0 | UPPERSOIL | BUCKET    | 110,33 | 122,93 | 98,69  | 12.8.2009 | 09:40:03 |          |
| K23 | SPTDC | 0 | UPPERSOIL | BUCKET    | 110,75 | 122,64 | 98,73  | 5.8.2009  | 10:48:04 |          |
| K23 | TKTBX | 0 | UPPERSOIL | BUCKET    | 110,25 | 122,29 | 98,8   | 12.8.2009 | 09:57:39 |          |
| K23 | UYBHR | 0 | UPPERSOIL | BUCKET    | 110,29 | 122,91 | 98,53  | 12.8.2009 | 15:36:35 |          |
| K23 | VZHAF | 0 | UPPERSOIL | BUCKET    | 110,76 | 122,28 | 98,63  | 4.8.2009  | 15:01:46 |          |
| K23 | WJAWD | 0 | UPPERSOIL | BUCKET    | 110,75 | 122,17 | 98,6   | 8.8.2009  | 14:08:34 |          |
| K23 | WTAHP | 0 | UPPERSOIL | BUCKET    | 110,26 | 122,84 | 98,83  | 10.8.2009 | 15:27:28 |          |
| K23 | WVODG | 0 | DE        | TOPO      | 110,63 | 122,52 | 98,57  | 11.8.2009 | 12:24:12 |          |
| K23 | WYUEI | 0 | UPPERSOIL | BUCKET    | 110,8  | 122,74 | 98,65  | 6.8.2009  | 13:27:37 |          |
| K23 | XCKMI | 0 | UPPERSOIL | BUCKET    | 110,3  | 122,29 | 98,6   | 12.8.2009 | 16:10:27 |          |
| K23 | ZEGVP | 0 | UPPERSOIL | BUCKET    | 110,76 | 122,71 | 98,6   | 7.8.2009  | 11:14:34 |          |
| K23 | ZHTSQ | 0 | UPPERSOIL | BUCKET    | 110,95 | 122,16 | 98,55  | 8.8.2009  | 16:09:09 |          |
| K23 | ZMKRB | 0 | UPPERSOIL | BUCKET    | 110,81 | 122,7  | 98,7   | 5.8.2009  | 16:17:56 |          |
| K24 |       | 1 | 0         | UPPERSOIL | FLINT  | 110,7  | 123,72 | 98,76     | 4.8.2009 | 13:30:19 |
| K24 |       | 1 | 1         | UPPERSOIL | FLINT  | 110,7  | 123,75 | 98,76     | 4.8.2009 | 13:30:19 |
| K24 | AHDQF | 0 | UPPERSOIL | BUCKET    | 110,16 | 123,13 | 98,9   | 12.8.2009 | 15:01:22 |          |
| K24 | ALHWR | 0 | UPPERSOIL | BUCKET    | 110,24 | 123,82 | 98,73  | 11.8.2009 | 16:36:54 |          |
| K24 | ANISL | 0 | UPPERSOIL | BUCKET    | 110,19 | 123,14 | 98,87  | 12.8.2009 | 15:55:14 |          |
| K24 | APQEQ | 0 | UPPERSOIL | BUCKET    | 110,75 | 123,31 | 98,55  | 6.8.2009  | 14:23:22 |          |
| K24 | BFEJG | 0 | UPPERSOIL | TAMIS     | 110,87 | 123,36 | 98,52  | 6.8.2009  | 16:15:19 |          |
| K24 | BKNQH | 0 | UPPERSOIL | BUCKET    | 110,76 | 123,6  | 98,59  | 8.8.2009  | 10:35:43 |          |
| K24 | CISIQ | 0 | UPPERSOIL | TAMIS     | 110,3  | 123,76 | 98,92  | 10.8.2009 | 12:07:49 |          |
| K24 | CPKCR | 0 | AC        | TOPO      | 110,98 | 124,03 | 99,06  | 10.8.2009 | 15:40:39 |          |
| K24 | CYSXJ | 0 | UPPERSOIL | BUCKET    | 110,41 | 123,75 | 98,62  | 12.8.2009 | 16:00:40 |          |
| K24 | DTQCY | 0 | UPPERSOIL | BUCKET    | 110,19 | 123,19 | 98,71  | 13.8.2009 | 14:48:13 |          |
| K24 | DWGDL | 0 | UPPERSOIL | BUCKET    | 110,07 | 123,72 | 98,59  | 12.8.2009 | 16:45:13 |          |
| K24 | EHBZD | 0 | UPPERSOIL | BUCKET    | 110,3  | 123,94 | 98,79  | 10.8.2009 | 16:14:19 |          |
| K24 | ERQNY | 0 | UPPERSOIL | BUCKET    | 110,19 | 123,88 | 98,76  | 11.8.2009 | 12:44:42 |          |
| K24 | FQBGJ | 0 | UPPERSOIL | BUCKET    | 110,74 | 123,79 | 98,6   | 8.8.2009  | 10:04:27 |          |
| K24 | FQGBF | 0 | UPPERSOIL | BUCKET    | 110,89 | 123,35 | 98,62  | 5.8.2009  | 14:21:38 |          |
| K24 | FQLBQ | 0 | UPPERSOIL | BUCKET    | 110,34 | 123,17 | 98,61  | 13.8.2009 | 17:26:13 |          |
| K24 | FVEPB | 0 | UPPERSOIL | BUCKET    | 110,06 | 123,79 | 98,7   | 12.8.2009 | 15:04:57 |          |
| K24 | GCDUJ | 0 | UPPERSOIL | TAMIS     | 110,75 | 123,32 | 98,59  | 5.8.2009  | 16:19:01 |          |
| K24 | GHZSK | 0 | CD        | TOPO      | 110,59 | 123,03 | 98,93  | 11.8.2009 | 11:34:39 |          |
| K24 | IHXLN | 0 | UPPERSOIL | BUCKET    | 110,32 | 123,79 | 98,94  | 10.8.2009 | 11:42:48 |          |
| K24 | IIGGO | 0 | UPPERSOIL | BUCKET    | 110,23 | 123,23 | 98,64  | 13.8.2009 | 16:02:55 |          |
| K24 | IKJOQ | 0 | UPPERSOIL | BUCKET    | 110,1  | 123,77 | 98,7   | 12.8.2009 | 09:31:07 |          |
| K24 | IYRAW | 0 | UPPERSOIL | BUCKET    | 110,77 | 123,57 | 98,74  | 5.8.2009  | 16:20:17 |          |
| K24 | JLHFX | 0 | UPPERSOIL | BUCKET    | 110,79 | 123,57 | 98,68  | 7.8.2009  | 14:03:35 |          |
| K24 | JLTWF | 0 | UPPERSOIL | BUCKET    | 110,23 | 123,27 | 98,62  | 13.8.2009 | 17:04:38 |          |
| K24 | JMQMW | 0 | CD        | TOPO      | 110,6  | 123,55 | 98,96  | 11.8.2009 | 11:36:00 |          |

|     |       |   |             |           |          |        |        |           |          |          |
|-----|-------|---|-------------|-----------|----------|--------|--------|-----------|----------|----------|
| K24 | JNNDR | 0 | UPPERSOIL   | BUCKET    | 110,28   | 123,26 | 98,8   | 13.8.2009 | 10:31:19 |          |
| K24 | JRSUI | 0 | DE          | TOPO      | 110,61   | 123,46 | 98,63  | 11.8.2009 | 12:27:04 |          |
| K24 | KHJOL | 0 | UPPERSOIL   | BUCKET    | 110,76   | 123,33 | 98,65  | 5.8.2009  | 10:50:02 |          |
| K24 | LLPNL | 0 | UPPERSOIL   | BUCKET    | 110,79   | 123,61 | 98,54  | 8.8.2009  | 14:11:57 |          |
| K24 | LVHIP | 0 | UPPERSOIL   | BUCKET    | 110,14   | 123,14 | 98,73  | 13.8.2009 | 11:51:36 |          |
| K24 | MSUUG | 0 | UPPERSOIL   | BUCKET    | 110,86   | 123,61 | 98,56  | 8.8.2009  | 11:07:06 |          |
| K24 | NHGRW | 0 | UPPERSOIL   | BUCKET    | 110,81   | 123,59 | 98,64  | 7.8.2009  | 16:00:19 |          |
| K24 | OBTFS | 0 | UPPERSOIL   | BUCKET    | 110,23   | 123,18 | 98,66  | 13.8.2009 | 15:24:07 |          |
| K24 | OLBAJ | 0 | UPPERSOIL   | BUCKET    | 110,73   | 123,61 | 98,67  | 7.8.2009  | 15:27:37 |          |
| K24 | OLTPU | 0 | UPPERSOIL   | BUCKET    | 110,19   | 123,2  | 98,75  | 13.8.2009 | 11:06:58 |          |
| K24 | OORCT | 0 | UPPERSOIL   | BUCKET    | 110,22   | 123,18 | 98,83  | 12.8.2009 | 16:43:32 |          |
| K24 | PFZHZ | 0 | UPPERSOIL   | BUCKET    | 110,31   | 123,8  | 98,83  | 10.8.2009 | 14:55:17 |          |
| K24 | PQRVN | 0 | UPPERSOIL   | BUCKET    | 110,27   | 123,77 | 98,59  | 12.8.2009 | 17:35:10 |          |
| K24 | QAXYL | 0 | DE          | TOPO      | 110,59   | 123,97 | 98,63  | 11.8.2009 | 12:29:31 |          |
| K24 | QIIDT | 0 | STARTSHOVEL | TOPO      | 110,98   | 123,97 | 98,53  | 9.8.2009  | 09:36:05 |          |
| K24 | QZTHW | 0 | UPPERSOIL   | BUCKET    | 110,19   | 123,16 | 98,83  | 12.8.2009 | 16:23:45 |          |
| K24 | RTATK | 0 | UPPERSOIL   | BUCKET    | 110,23   | 123,74 | 98,87  | 10.8.2009 | 14:11:18 |          |
| K24 | TUUBH | 0 | UPPERSOIL   | BUCKET    | 110,75   | 123,59 | 98,71  | 6.8.2009  | 10:29:27 |          |
| K24 | UIWQM | 0 | UPPERSOIL   | TAMIS     | 110,24   | 123,24 | 98,68  | 13.8.2009 | 15:07:02 |          |
| K24 | UJVOD | 0 | UPPERSOIL   | BUCKET    | 110,76   | 123,37 | 98,58  | 6.8.2009  | 09:51:28 |          |
| K24 | VHXWS | 0 | UPPERSOIL   | BUCKET    | 110,84   | 123,21 | 98,67  | 4.8.2009  | 15:54:55 |          |
| K24 | VWMMC | 0 | UPPERSOIL   | BUCKET    | 110,77   | 123,32 | 98,73  | 4.8.2009  | 13:24:01 |          |
| K24 | XXVDE | 0 | UPPERSOIL   | BUCKET    | 110,3    | 123,94 | 98,79  | 10.8.2009 | 16:34:03 |          |
| K24 | YFMCT | 0 | DE          | TOPO      | 110,61   | 123,01 | 98,63  | 11.8.2009 | 12:25:36 |          |
| K24 | YNPRR | 0 | UPPERSOIL   | BUCKET    | 110,77   | 123,26 | 98,7   | 4.8.2009  | 14:09:55 |          |
| K24 | ZWIWF | 0 | UPPERSOIL   | BUCKET    | 110,21   | 123,75 | 98,57  | 13.8.2009 | 14:49:01 |          |
| K25 | CQZMV | 0 | SURFACE     | TOPO      | 110,01   | 124,1  | 99,34  | 4.8.2009  | 13:51:36 |          |
| K25 | MGCCN | 0 | AC          | TOPO      | 110,49   | 124,05 | 99,07  | 10.8.2009 | 15:39:48 |          |
| K25 | QZGVH | 0 | SURFACE     | TOPO      | 111      | 124,06 | 99,34  | 4.8.2009  | 13:50:42 |          |
| K25 | ZGOUO | 0 | SURFACE     | TOPO      | 110,48   | 124,09 | 99,35  | 4.8.2009  | 13:51:11 |          |
| K40 | VRDSM | 0 | SURFACE     | TOPO      | 110,01   | 139,99 | 100,28 | 4.8.2009  | 14:16:51 |          |
| L19 | AZTQS | 0 | SURFACE     | TOPO      | 111,01   | 118,94 | 98,95  | 4.8.2009  | 13:41:32 |          |
| L19 | LDADH | 0 | SURFACE     | TOPO      | 111,52   | 118,94 | 98,93  | 4.8.2009  | 13:43:32 |          |
| L19 | UOZTP | 0 | SURFACE     | TOPO      | 111,97   | 118,96 | 98,93  | 4.8.2009  | 13:44:02 |          |
| L20 |       | 1 | 0           | UPPERSOIL | FLINT    | 111,23 | 119,63 | 98,49     | 7.8.2009 | 11:59:01 |
| L20 |       | 1 | 1           | UPPERSOIL | FLINT    | 111,22 | 119,67 | 98,49     | 7.8.2009 | 11:59:01 |
| L20 |       | 2 | 0           | UPPERSOIL | FLINT    | 111,15 | 119,92 | 98,51     | 7.8.2009 | 12:00:55 |
| L20 |       | 2 | 1           | UPPERSOIL | FLINT    | 111,15 | 119,96 | 98,51     | 7.8.2009 | 12:00:55 |
| L20 |       | 3 | 0           | UPPERSOIL | FLINT    | 111,85 | 119,74 | 98,42     | 8.8.2009 | 16:19:12 |
| L20 |       | 3 | 1           | UPPERSOIL | FLINT    | 111,83 | 119,77 | 98,39     | 8.8.2009 | 16:19:12 |
| L20 |       | 4 | 0           | UPPERSOIL | FLINT    | 111,85 | 119,72 | 98,41     | 8.8.2009 | 16:21:43 |
| L20 |       | 4 | 1           | UPPERSOIL | FLINT    | 111,85 | 119,77 | 98,41     | 8.8.2009 | 16:21:43 |
| L20 |       | 5 | 0           | UPPERSOIL | CHARCOAL | 111,61 | 119,83 | 98,39     | 8.8.2009 | 16:23:52 |
| L20 |       | 6 | 0           | UPPERSOIL | FLINT    | 111,86 | 119,32 | 98,4      | 9.8.2009 | 10:21:51 |
| L20 |       | 6 | 1           | UPPERSOIL | FLINT    | 111,84 | 119,32 | 98,41     | 9.8.2009 | 10:21:51 |

|     |       |   |   |           |         |        |        |       |           |          |
|-----|-------|---|---|-----------|---------|--------|--------|-------|-----------|----------|
| L20 |       | 7 | 0 | UPPERSOIL | FLINT   | 111,93 | 119,66 | 98,42 | 14.8.2009 | 11:14:29 |
| L20 |       | 7 | 1 | UPPERSOIL | FLINT   | 111,93 | 119,62 | 98,42 | 14.8.2009 | 11:14:29 |
| L20 | ANNWF |   | 0 | UPPERSOIL | BUCKET  | 111,59 | 119,86 | 98,46 | 7.8.2009  | 14:15:19 |
| L20 | AZQEJ |   | 0 | UPPERSOIL | BUCKET  | 111,53 | 119,34 | 98,31 | 10.8.2009 | 09:34:06 |
| L20 | BPIAN |   | 0 | UPPERSOIL | BUCKET  | 111,71 | 119,65 | 98,48 | 5.8.2009  | 14:24:03 |
| L20 | CFDHC |   | 0 | UPPERSOIL | TAMIS   | 111,69 | 119,29 | 98,54 | 4.8.2009  | 12:08:10 |
| L20 | CMKUU |   | 0 | UPPERSOIL | BUCKET  | 111,73 | 119,25 | 98,5  | 4.8.2009  | 14:44:32 |
| L20 | DATBK |   | 0 | UPPERSOIL | BUCKET  | 111,22 | 119,89 | 98,34 | 9.8.2009  | 14:01:01 |
| L20 | DHXXP |   | 0 | UPPERSOIL | BUCKET  | 111,77 | 119,86 | 98,29 | 9.8.2009  | 15:46:28 |
| L20 | DJVMD |   | 0 | UPPERSOIL | BUCKET  | 111,62 | 119,77 | 98,35 | 9.8.2009  | 09:43:33 |
| L20 | DPAHA |   | 0 | UPPERSOIL | BUCKET  | 111,69 | 119,86 | 98,51 | 5.8.2009  | 10:43:50 |
| L20 | DXWIJ |   | 0 | UPPERSOIL | BUCKET  | 111,63 | 119,46 | 98,24 | 10.8.2009 | 10:40:54 |
| L20 | ESXTC |   | 0 | UPPERSOIL | BUCKET  | 111,24 | 119,31 | 98,57 | 4.8.2009  | 12:06:34 |
| L20 | FFKZQ |   | 0 | UPPERSOIL | BUCKET  | 111,21 | 119,79 | 98,44 | 7.8.2009  | 15:51:09 |
| L20 | FSIHD |   | 0 | UPPERSOIL | BUCKET  | 111,54 | 119,43 | 98,41 | 9.8.2009  | 10:43:12 |
| L20 | FXXGV |   | 0 | UPPERSOIL | BUCKET  | 111,3  | 119,74 | 98,58 | 6.8.2009  | 16:25:25 |
| L20 | GFMRV |   | 0 | DE        | TOPO    | 111,89 | 119,2  | 98,32 | 12.8.2009 | 10:05:09 |
| L20 | GHLUD |   | 0 | UPPERSOIL | BUCKET  | 111,72 | 119,3  | 98,34 | 10.8.2009 | 09:08:36 |
| L20 | GWZKP |   | 0 | AB        | TOPO    | 111,97 | 119,74 | 98,71 | 10.8.2009 | 15:57:41 |
| L20 | HIRSY |   | 0 | DE        | TOPO    | 111,85 | 119,93 | 98,38 | 11.8.2009 | 15:51:38 |
| L20 | HJAZH |   | 0 | UPPERSOIL | BUCKET  | 111,67 | 119,74 | 98,56 | 4.8.2009  | 12:49:50 |
| L20 | HOQVH |   | 0 | UPPERSOIL | BUCKET  | 111,09 | 119,41 | 98,52 | 5.8.2009  | 14:27:49 |
| L20 | IOJNN |   | 0 | UPPERSOIL | BUCKET  | 111,25 | 119,84 | 98,55 | 7.8.2009  | 10:10:24 |
| L20 | IUWAS |   | 0 | UPPERSOIL | BUCKET  | 111,04 | 119,77 | 98,4  | 8.8.2009  | 14:03:33 |
| L20 | IWOCQ |   | 0 | UPPERSOIL | BUCKET  | 111,69 | 119,35 | 98,46 | 5.8.2009  | 10:45:26 |
| L20 | JLIVU |   | 0 | UPPERSOIL | BUCKET  | 111,58 | 119,63 | 98,43 | 8.8.2009  | 14:04:06 |
| L20 | JSVWR |   | 0 | UPPERSOIL | BUCKET  | 111,25 | 119,36 | 98,37 | 6.8.2009  | 10:44:25 |
| L20 | JVYIL |   | 0 | UPPERSOIL | BUCKET  | 111,22 | 119,86 | 98,48 | 7.8.2009  | 14:14:04 |
| L20 | JZGLG |   | 0 | UPPERSOIL | BUCKET  | 111,5  | 119,47 | 98,38 | 9.8.2009  | 13:32:08 |
| L20 | LDDEL |   | 0 | UPPERSOIL | BUCKET  | 111,69 | 119,77 | 98,54 | 4.8.2009  | 16:28:41 |
| L20 | LJNPK |   | 0 | UPPERSOIL | BUCKET  | 111,09 | 119,8  | 98,52 | 7.8.2009  | 11:31:55 |
| L20 | LNQMT |   | 0 | UPPERSOIL | BUCKET  | 111,5  | 119,42 | 98,28 | 10.8.2009 | 09:59:53 |
| L20 | MIDWY |   | 0 | UPPERSOIL | BUCKET  | 111,21 | 119,37 | 98,46 | 5.8.2009  | 16:21:12 |
| L20 | MRREV |   | 0 | UPPERSOIL | BUCKET  | 111,25 | 119,37 | 98,33 | 6.8.2009  | 11:12:14 |
| L20 | NAURQ |   | 0 | UPPERSOIL | BUCKET  | 112    | 119,95 | 98,37 | 14.8.2009 | 11:39:26 |
| L20 | NNUTI |   | 0 | UPPERSOIL | BUCKET  | 111,28 | 119,39 | 98,65 | 6.8.2009  | 14:17:29 |
| L20 | NROVG |   | 0 | UPPERSOIL | BUCKET  | 111,13 | 119,41 | 98,25 | 6.8.2009  | 15:24:20 |
| L20 | NTWFC |   | 0 | UPPERSOIL | BUCKET  | 111,52 | 119,82 | 98,4  | 8.8.2009  | 15:08:41 |
| L20 | ODGOB |   | 0 | DE        | TOPO    | 111,48 | 119,2  | 98,31 | 12.8.2009 | 10:06:46 |
| L20 | OJWVC |   | 0 | UPPERSOIL | BUCKET  | 111,55 | 119,77 | 98,37 | 8.8.2009  | 16:11:50 |
| L20 | OWXLT |   | 0 | UPPERSOIL | BUCKET  | 111,51 | 119,42 | 98,23 | 10.8.2009 | 11:32:36 |
| L20 | PXBPP |   | 0 | AD        | TOPO    | 111,39 | 119,01 | 98,64 | 10.8.2009 | 16:04:43 |
| L20 | PXHFP |   | 0 | UPPERSOIL | END2009 | 112    | 119,63 | 98,28 | 14.8.2009 | 14:13:23 |
| L20 | QKLJQ |   | 0 | DE        | TOPO    | 111,82 | 119,52 | 98,35 | 11.8.2009 | 15:53:26 |
| L20 | QLRUV |   | 0 | AB        | TOPO    | 111,92 | 119,03 | 98,64 | 10.8.2009 | 16:01:31 |

|     |       |       |           |              |          |        |        |           |           |          |
|-----|-------|-------|-----------|--------------|----------|--------|--------|-----------|-----------|----------|
| L20 | RWYGI | 0     | UPPERSOIL | BUCKET       | 111,63   | 119,31 | 98,44  | 5.8.2009  | 14:26:33  |          |
| L20 | SJIWO | 0     | AB        | TOPO         | 111,97   | 119,39 | 98,7   | 10.8.2009 | 16:00:15  |          |
| L20 | TDEBE | 0     | UPPERSOIL | BUCKET       | 111,31   | 119,38 | 98,53  | 5.8.2009  | 11:22:23  |          |
| L20 | TLHCC | 0     | UPPERSOIL | BUCKET       | 111,7    | 119,65 | 98,26  | 10.8.2009 | 16:26:34  |          |
| L20 | TZJKI | 0     | UPPERSOIL | TAMIS        | 111,39   | 119,42 | 98,4   | 6.8.2009  | 10:25:32  |          |
| L20 | ULVAD | 0     | UPPERSOIL | BUCKET       | 111,33   | 119,43 | 98,49  | 5.8.2009  | 15:39:38  |          |
| L20 | UMTHG | 0     | UPPERSOIL | BUCKET       | 111,95   | 119,41 | 98,31  | 14.8.2009 | 13:42:47  |          |
| L20 | URVYM | 0     | UPPERSOIL | BUCKET       | 111,97   | 119,9  | 98,33  | 14.8.2009 | 13:53:43  |          |
| L20 | UTSSS | 0     | UPPERSOIL | BUCKET       | 111,32   | 119,29 | 98,43  | 6.8.2009  | 09:34:31  |          |
| L20 | VOSYX | 0     | UPPERSOIL | BUCKET       | 111,02   | 119,95 | 98,55  | 7.8.2009  | 10:52:52  |          |
| L20 | WWHYO | 0     | UPPERSOIL | BUCKET       | 111,57   | 119,78 | 98,32  | 9.8.2009  | 14:29:19  |          |
| L20 | XLOXB | 0     | UPPERSOIL | BUCKET       | 111,32   | 119,86 | 98,37  | 9.8.2009  | 09:29:01  |          |
| L20 | YKHJW | 0     | UPPERSOIL | TAMIS        | 111,25   | 119,84 | 98,42  | 8.8.2009  | 11:11:47  |          |
| L21 |       | 1     | 0         | UPPERSOIL    | FLINT    | 111,42 | 120,96 | 98,6      | 5.8.2009  | 15:01:15 |
| L21 |       | 2     | 0         | UPPERSOIL    | FLINT    | 111,05 | 120,75 | 98,54     | 5.8.2009  | 16:10:15 |
| L21 |       | 2     | 1         | UPPERSOIL    | FLINT    | 111,06 | 120,8  | 98,51     | 5.8.2009  | 16:10:15 |
| L21 |       | 3     | 0         | UPPERSOIL    | MANUPORT | 111,79 | 120,1  | 98,51     | 6.8.2009  | 13:10:25 |
| L21 |       | 3     | 1         | UPPERSOIL    | MANUPORT | 111,84 | 120,11 | 98,5      | 6.8.2009  | 13:10:25 |
| L21 |       | 3     | 2         | UPPERSOIL    | MANUPORT | 111,82 | 120,08 | 98,5      | 6.8.2009  | 13:10:25 |
| L21 |       | 4     | 0         | UPPERSOIL    | CHARCOAL | 111,27 | 120,05 | 98,51     | 7.8.2009  | 12:07:06 |
| L21 |       | BDUEE | 0         | UPPERSOIL    | BUCKET   | 111,62 | 120,22 | 98,25     | 10.8.2009 | 11:47:01 |
| L21 | BGYST | 0     | UPPERSOIL | BIOTURBATION | 111,59   | 120,78 | 98,43  | 9.8.2009  | 15:13:47  |          |
| L21 | CAVLT | 0     | UPPERSOIL | BIOTURBATION | 111,82   | 120,84 | 98,44  | 9.8.2009  | 14:52:56  |          |
| L21 | CRQEY | 0     | UPPERSOIL | BUCKET       | 111,69   | 120,19 | 98,29  | 10.8.2009 | 10:15:04  |          |
| L21 | DDTHD | 0     | UPPERSOIL | BUCKET       | 111,75   | 120,76 | 98,3   | 10.8.2009 | 15:26:17  |          |
| L21 | DIGKW | 0     | UPPERSOIL | BUCKET       | 111,23   | 120,23 | 98,37  | 9.8.2009  | 13:59:46  |          |
| L21 | DQUMO | 0     | UPPERSOIL | BUCKET       | 111,71   | 120,1  | 98,53  | 6.8.2009  | 10:19:21  |          |
| L21 | DRESU | 0     | UPPERSOIL | BUCKET       | 111,79   | 120,27 | 98,37  | 9.8.2009  | 11:14:01  |          |
| L21 | ETSFC | 0     | UPPERSOIL | BUCKET       | 111,81   | 120,61 | 98,61  | 7.8.2009  | 13:43:30  |          |
| L21 | EZROK | 0     | UPPERSOIL | BUCKET       | 111,7    | 120,15 | 98,44  | 6.8.2009  | 15:25:10  |          |
| L21 | FAQPO | 0     | UPPERSOIL | BUCKET       | 111,63   | 120,59 | 98,52  | 8.8.2009  | 14:04:49  |          |
| L21 | FWJGH | 0     | UPPERSOIL | BUCKET       | 111,64   | 120,78 | 98,49  | 8.8.2009  | 14:05:27  |          |
| L21 | GEOCW | 0     | UPPERSOIL | BUCKET       | 111,08   | 120,11 | 98,5   | 7.8.2009  | 14:11:41  |          |
| L21 | GMZYC | 0     | UPPERSOIL | BUCKET       | 111,58   | 120,74 | 98,53  | 7.8.2009  | 15:25:20  |          |
| L21 | GNUXD | 0     | UPPERSOIL | BIOTURBATION | 111,87   | 120,96 | 98,44  | 9.8.2009  | 15:11:27  |          |
| L21 | GNYNY | 0     | UPPERSOIL | BIOTURBATION | 111,62   | 120,78 | 98,43  | 9.8.2009  | 15:12:08  |          |
| L21 | HCXEB | 0     | UPPERSOIL | BUCKET       | 111,56   | 120,73 | 98,44  | 9.8.2009  | 14:33:13  |          |
| L21 | HHGXC | 0     | UPPERSOIL | BUCKET       | 111,1    | 120,23 | 98,56  | 7.8.2009  | 09:55:30  |          |
| L21 | IBJEX | 0     | UPPERSOIL | TAMIS        | 111,12   | 120,15 | 98,52  | 7.8.2009  | 11:31:16  |          |
| L21 | IEAQA | 0     | UPPERSOIL | BUCKET       | 111,68   | 120,12 | 98,58  | 5.8.2009  | 16:08:42  |          |
| L21 | JBWNL | 0     | UPPERSOIL | BUCKET       | 111,81   | 120,76 | 98,42  | 9.8.2009  | 15:45:26  |          |
| L21 | JQQLD | 0     | UPPERSOIL | BUCKET       | 111,24   | 120,22 | 98,41  | 9.8.2009  | 11:56:14  |          |
| L21 | KQMJY | 0     | UPPERSOIL | BIOTURBATION | 111,64   | 120,84 | 98,43  | 9.8.2009  | 15:13:14  |          |
| L21 | KXTUZ | 0     | UPPERSOIL | BUCKET       | 111,77   | 120,28 | 98,4   | 9.8.2009  | 09:27:33  |          |
| L21 | MBRLG | 0     | UPPERSOIL | BUCKET       | 111,3    | 120,31 | 98,43  | 9.8.2009  | 11:12:56  |          |

|     |       |   |             |              |        |        |       |           |          |
|-----|-------|---|-------------|--------------|--------|--------|-------|-----------|----------|
| L21 | MFDKD | 0 | UPPERSOIL   | BUCKET       | 111,71 | 120,73 | 98,35 | 10.8.2009 | 11:46:06 |
| L21 | MIBHR | 0 | UPPERSOIL   | TAMIS        | 111,28 | 120,29 | 98,57 | 6.8.2009  | 16:22:24 |
| L21 | MSHOT | 0 | UPPERSOIL   | BUCKET       | 111,21 | 120,28 | 98,45 | 8.8.2009  | 11:39:59 |
| L21 | NLPIR | 0 | DE          | TOPO         | 111,88 | 120,95 | 98,46 | 11.8.2009 | 15:49:32 |
| L21 | NTUIV | 0 | UPPERSOIL   | BUCKET       | 111,34 | 120,82 | 98,54 | 5.8.2009  | 14:16:27 |
| L21 | OGEDA | 0 | UPPERSOIL   | BUCKET       | 111,67 | 120,76 | 98,61 | 7.8.2009  | 10:55:00 |
| L21 | OOQFH | 0 | UPPERSOIL   | BUCKET       | 111,18 | 120,12 | 98,54 | 7.8.2009  | 10:54:15 |
| L21 | OYJHU | 0 | UPPERSOIL   | TAMIS        | 111,71 | 120,73 | 98,39 | 10.8.2009 | 09:12:42 |
| L21 | RAAJX | 0 | UPPERSOIL   | BIOTURBATION | 111,71 | 120,85 | 98,44 | 9.8.2009  | 14:53:54 |
| L21 | RYIIT | 0 | UPPERSOIL   | BUCKET       | 111,18 | 120,8  | 98,46 | 8.8.2009  | 10:00:48 |
| L21 | SJIPL | 0 | UPPERSOIL   | BUCKET       | 111,26 | 120,81 | 98,46 | 5.8.2009  | 15:24:01 |
| L21 | SMHHE | 0 | UPPERSOIL   | BUCKET       | 111,18 | 120,13 | 98,47 | 7.8.2009  | 14:13:03 |
| L21 | SODLV | 0 | UPPERSOIL   | BUCKET       | 111,69 | 120,07 | 98,6  | 5.8.2009  | 15:11:17 |
| L21 | SVXRT | 0 | UPPERSOIL   | BUCKET       | 111,27 | 120,17 | 98,6  | 5.8.2009  | 14:25:12 |
| L21 | TMWQM | 0 | UPPERSOIL   | BUCKET       | 111,7  | 120,2  | 98,32 | 10.8.2009 | 09:28:39 |
| L21 | TQIKH | 0 | UPPERSOIL   | BUCKET       | 111,64 | 120,11 | 98,51 | 6.8.2009  | 11:11:17 |
| L21 | TXVWN | 0 | UPPERSOIL   | BUCKET       | 111,71 | 120,24 | 98,44 | 8.8.2009  | 09:59:49 |
| L21 | UXUVM | 0 | UPPERSOIL   | BUCKET       | 111,69 | 120,18 | 98,21 | 10.8.2009 | 12:11:38 |
| L21 | VQGJP | 0 | UPPERSOIL   | BUCKET       | 111,68 | 120,12 | 98,48 | 6.8.2009  | 13:59:52 |
| L21 | VSWHY | 0 | DE          | TOPO         | 111,86 | 120,45 | 98,43 | 11.8.2009 | 15:50:36 |
| L21 | VVPIO | 0 | UPPERSOIL   | BUCKET       | 111,7  | 120,13 | 98,56 | 6.8.2009  | 09:33:00 |
| L21 | VYXJJ | 0 | UPPERSOIL   | BUCKET       | 111,69 | 120,78 | 98,57 | 7.8.2009  | 13:44:36 |
| L21 | WAJJS | 0 | UPPERSOIL   | BUCKET       | 111,73 | 120,77 | 98,32 | 10.8.2009 | 14:32:13 |
| L21 | WDPUF | 0 | UPPERSOIL   | BUCKET       | 111,23 | 120,81 | 98,56 | 5.8.2009  | 11:46:57 |
| L21 | WHZYG | 0 | UPPERSOIL   | BUCKET       | 111,26 | 120,53 | 98,62 | 5.8.2009  | 10:39:49 |
| L21 | WRHKP | 0 | UPPERSOIL   | BUCKET       | 111,8  | 120,35 | 98,35 | 9.8.2009  | 11:57:07 |
| L21 | WUBNY | 0 | UPPERSOIL   | BUCKET       | 111,22 | 120,77 | 98,49 | 5.8.2009  | 14:29:23 |
| L21 | XELFG | 0 | UPPERSOIL   | BUCKET       | 111,69 | 120,74 | 98,47 | 8.8.2009  | 15:17:39 |
| L21 | XJNNR | 0 | UPPERSOIL   | BUCKET       | 111,71 | 120,79 | 98,64 | 7.8.2009  | 09:59:47 |
| L21 | XQTGA | 0 | AB          | TOPO         | 112    | 120,23 | 98,73 | 10.8.2009 | 15:56:45 |
| L21 | YBWKI | 0 | AB          | TOPO         | 111,99 | 120,67 | 98,8  | 10.8.2009 | 15:55:50 |
| L21 | YDDDX | 0 | UPPERSOIL   | BUCKET       | 111,67 | 120,71 | 98,37 | 10.8.2009 | 10:14:18 |
| L21 | YFCFT | 0 | UPPERSOIL   | BUCKET       | 111,71 | 120,18 | 98,26 | 10.8.2009 | 11:02:49 |
| L21 | YFXSH | 0 | UPPERSOIL   | BUCKET       | 111,31 | 120,3  | 98,38 | 9.8.2009  | 13:33:17 |
| L21 | YNLLF | 0 | UPPERSOIL   | BUCKET       | 111,28 | 120,74 | 98,43 | 9.8.2009  | 16:13:28 |
| L21 | YPVGQ | 0 | UPPERSOIL   | BUCKET       | 111,69 | 120,74 | 98,55 | 7.8.2009  | 15:22:41 |
| L21 | YTOFU | 0 | UPPERSOIL   | BUCKET       | 111,24 | 120,64 | 98,6  | 5.8.2009  | 10:41:19 |
| L21 | ZRMDR | 0 | UPPERSOIL   | BIOTURBATION | 111,84 | 120,7  | 98,42 | 9.8.2009  | 15:10:27 |
| L21 | ZTPSU | 0 | UPPERSOIL   | BIOTURBATION | 111,54 | 120,8  | 98,43 | 9.8.2009  | 15:14:16 |
| L22 |       | 1 | 0 MODERN_B  | FLINT        | 111,79 | 121,29 | 98,76 | 3.8.2009  | 13:27:41 |
| L22 |       | 2 | 0 UPPERSOIL | FLINT        | 111,35 | 121,99 | 98,65 | 5.8.2009  | 14:54:59 |
| L22 |       | 2 | 1 UPPERSOIL | FLINT        | 111,37 | 121,95 | 98,66 | 5.8.2009  | 14:54:59 |
| L22 |       | 2 | 2 UPPERSOIL | FLINT        | 111,39 | 121,98 | 98,65 | 5.8.2009  | 14:54:59 |
| L22 |       | 3 | 0 UPPERSOIL | FLINT        | 111,42 | 121,96 | 98,63 | 5.8.2009  | 14:58:10 |
| L22 |       | 3 | 1 UPPERSOIL | FLINT        | 111,4  | 121,94 | 98,66 | 5.8.2009  | 14:58:10 |

|     |       |   |             |        |        |        |       |           |          |
|-----|-------|---|-------------|--------|--------|--------|-------|-----------|----------|
| L22 |       | 3 | 2 UPPERSOIL | FLINT  | 111,42 | 121,9  | 98,66 | 5.8.2009  | 14:58:10 |
| L22 |       | 4 | 0 UPPERSOIL | FLINT  | 111,67 | 121,87 | 98,65 | 7.8.2009  | 15:35:13 |
| L22 |       | 5 | 0 UPPERSOIL | FLINT  | 111,71 | 121,87 | 98,61 | 7.8.2009  | 15:37:24 |
| L22 |       | 6 | 0 UPPERSOIL | FLINT  | 111,67 | 121,64 | 98,63 | 7.8.2009  | 15:38:52 |
| L22 |       | 6 | 1 UPPERSOIL | FLINT  | 111,67 | 121,59 | 98,63 | 7.8.2009  | 15:38:52 |
| L22 |       | 7 | 0 UPPERSOIL | FLINT  | 111,81 | 121,54 | 98,59 | 8.8.2009  | 15:52:20 |
| L22 |       | 8 | 0 UPPERSOIL | FLINT  | 111,61 | 121,57 | 98,47 | 9.8.2009  | 14:55:38 |
| L22 |       | 9 | 0 UPPERSOIL | FLINT  | 111,98 | 121,88 | 98,58 | 14.8.2009 | 11:08:24 |
| L22 |       | 9 | 1 UPPERSOIL | FLINT  | 112,02 | 121,9  | 98,61 | 14.8.2009 | 11:08:24 |
| L22 | AASIP |   | 0 UPPERSOIL | BUCKET | 111,25 | 121,77 | 98,62 | 4.8.2009  | 15:08:48 |
| L22 | AGGGG |   | 0 UPPERSOIL | BUCKET | 111,63 | 121,2  | 98,64 | 8.8.2009  | 14:06:15 |
| L22 | ATLTE |   | 0 UPPERSOIL | BUCKET | 111,66 | 121,6  | 98,52 | 9.8.2009  | 10:44:00 |
| L22 | BSIAT |   | 0 UPPERSOIL | TAMIS  | 111,72 | 121,16 | 98,39 | 10.8.2009 | 10:02:06 |
| L22 | CGGJD |   | 0 UPPERSOIL | BUCKET | 111,67 | 121,31 | 98,53 | 9.8.2009  | 09:27:01 |
| L22 | CHUBY |   | 0 UPPERSOIL | BUCKET | 111,71 | 121,28 | 98,5  | 9.8.2009  | 10:15:39 |
| L22 | CIKYS |   | 0 UPPERSOIL | BUCKET | 111,24 | 121,76 | 98,64 | 4.8.2009  | 14:06:05 |
| L22 | DUQPJ |   | 0 UPPERSOIL | BUCKET | 111,19 | 121,36 | 98,5  | 6.8.2009  | 14:42:58 |
| L22 | EMNIJ |   | 0 UPPERSOIL | BUCKET | 111,78 | 121,12 | 98,59 | 8.8.2009  | 15:49:11 |
| L22 | ETMTJ |   | 0 UPPERSOIL | BUCKET | 111,67 | 121,22 | 98,47 | 9.8.2009  | 13:34:21 |
| L22 | FFIGT |   | 0 UPPERSOIL | BUCKET | 111,58 | 121,76 | 98,64 | 7.8.2009  | 11:29:29 |
| L22 | FGZXR |   | 0 UPPERSOIL | BUCKET | 111,54 | 121,83 | 98,54 | 7.8.2009  | 15:33:03 |
| L22 | FNQPQ |   | 0 UPPERSOIL | BUCKET | 111,33 | 121,69 | 98,44 | 10.8.2009 | 16:30:23 |
| L22 | GVJOB |   | 0 UPPERSOIL | BUCKET | 111,75 | 121,76 | 98,33 | 10.8.2009 | 10:49:49 |
| L22 | HMFJI |   | 0 UPPERSOIL | BUCKET | 111,78 | 121,76 | 98,41 | 9.8.2009  | 15:47:33 |
| L22 | HOUPO |   | 0 UPPERSOIL | BUCKET | 111,37 | 121,68 | 98,58 | 4.8.2009  | 15:52:55 |
| L22 | HXTPO |   | 0 UPPERSOIL | BUCKET | 111,7  | 121,7  | 98,46 | 9.8.2009  | 14:54:43 |
| L22 | IKGAQ |   | 0 UPPERSOIL | BUCKET | 111,63 | 121,26 | 98,55 | 8.8.2009  | 16:07:22 |
| L22 | ITFLY |   | 0 UPPERSOIL | BUCKET | 111,67 | 121,81 | 98,56 | 7.8.2009  | 15:30:07 |
| L22 | IWRHA |   | 0 UPPERSOIL | BUCKET | 111,24 | 121,23 | 98,43 | 9.8.2009  | 10:26:26 |
| L22 | JQSOW |   | 0 UPPERSOIL | BUCKET | 111,7  | 121,17 | 98,57 | 8.8.2009  | 15:50:54 |
| L22 | KILGF |   | 0 UPPERSOIL | BUCKET | 111,24 | 121,24 | 98,61 | 5.8.2009  | 16:03:42 |
| L22 | KVEYF |   | 0 UPPERSOIL | BUCKET | 111,71 | 121,19 | 98,42 | 10.8.2009 | 09:09:28 |
| L22 | LQEHD |   | 0 UPPERSOIL | BUCKET | 111,67 | 121,29 | 98,44 | 9.8.2009  | 14:03:10 |
| L22 | LYTHS |   | 0 UPPERSOIL | BUCKET | 111,6  | 121,78 | 98,67 | 7.8.2009  | 10:55:54 |
| L22 | MDBHK |   | 0 UPPERSOIL | BUCKET | 111,21 | 121,27 | 98,55 | 6.8.2009  | 11:13:22 |
| L22 | MGDBP |   | 0 UPPERSOIL | BUCKET | 111,43 | 121,84 | 98,56 | 5.8.2009  | 10:28:13 |
| L22 | MJBLQ |   | 0 UPPERSOIL | BUCKET | 111,19 | 121,33 | 98,46 | 6.8.2009  | 15:21:26 |
| L22 | NMMAE |   | 0 AB        | TOPO   | 111,98 | 121,22 | 98,85 | 10.8.2009 | 15:55:04 |
| L22 | NSTLX |   | 0 UPPERSOIL | BUCKET | 111,15 | 121,87 | 98,52 | 5.8.2009  | 10:29:43 |
| L22 | NXLLJ |   | 0 UPPERSOIL | BUCKET | 111,22 | 121,2  | 98,6  | 6.8.2009  | 09:35:30 |
| L22 | NYKKG |   | 0 UPPERSOIL | BUCKET | 111,23 | 121,28 | 98,45 | 9.8.2009  | 09:26:27 |
| L22 | OXCHC |   | 0 UPPERSOIL | BUCKET | 111,18 | 121,28 | 98,53 | 6.8.2009  | 13:23:10 |
| L22 | PAADR |   | 0 UPPERSOIL | BUCKET | 111,7  | 121,68 | 98,48 | 9.8.2009  | 14:27:37 |
| L22 | PCIAO |   | 0 AB        | TOPO   | 111,98 | 121,73 | 98,86 | 10.8.2009 | 15:54:08 |
| L22 | PDGXV |   | 0 UPPERSOIL | BUCKET | 111,71 | 121,29 | 98,62 | 8.8.2009  | 15:04:55 |

|     |       |   |           |           |          |        |        |           |          |          |
|-----|-------|---|-----------|-----------|----------|--------|--------|-----------|----------|----------|
| L22 | PTLSY | 0 | DE        | TOPO      | 111,9    | 121,55 | 98,54  | 11.8.2009 | 15:48:05 |          |
| L22 | QUZNX | 0 | UPPERSOIL | BUCKET    | 111,53   | 121,83 | 98,6   | 7.8.2009  | 14:00:53 |          |
| L22 | RMFXV | 0 | UPPERSOIL | BUCKET    | 111,69   | 121,72 | 98,36  | 10.8.2009 | 10:09:59 |          |
| L22 | RQECO | 0 | UPPERSOIL | BUCKET    | 111,22   | 121,25 | 98,58  | 6.8.2009  | 10:23:23 |          |
| L22 | RSDYH | 0 | UPPERSOIL | BUCKET    | 111,7    | 121,24 | 98,48  | 9.8.2009  | 11:15:01 |          |
| L22 | RWJTH | 0 | UPPERSOIL | TAMIS     | 111,19   | 121,24 | 98,4   | 10.8.2009 | 16:11:56 |          |
| L22 | RWSZZ | 0 | UPPERSOIL | BUCKET    | 111,25   | 121,77 | 98,69  | 4.8.2009  | 12:34:33 |          |
| L22 | SHFTS | 0 | UPPERSOIL | BUCKET    | 111,22   | 121,25 | 98,65  | 4.8.2009  | 12:32:15 |          |
| L22 | SWGZE | 0 | UPPERSOIL | BUCKET    | 111,22   | 121,8  | 98,49  | 10.8.2009 | 15:26:57 |          |
| L22 | TNWKT | 0 | UPPERSOIL | BUCKET    | 111,61   | 121,88 | 98,63  | 7.8.2009  | 14:00:01 |          |
| L22 | UYGHV | 0 | UPPERSOIL | BUCKET    | 111,73   | 121,68 | 98,39  | 10.8.2009 | 09:11:14 |          |
| L22 | VFBWZ | 0 | UPPERSOIL | BUCKET    | 111,21   | 121,74 | 98,67  | 4.8.2009  | 13:31:35 |          |
| L22 | VNETH | 0 | UPPERSOIL | BUCKET    | 111,71   | 121,8  | 98,7   | 7.8.2009  | 09:56:21 |          |
| L22 | VNVII | 0 | UPPERSOIL | BUCKET    | 111,69   | 121,71 | 98,43  | 9.8.2009  | 15:18:00 |          |
| L22 | WWJEW | 0 | UPPERSOIL | BUCKET    | 111,16   | 121,33 | 98,52  | 6.8.2009  | 14:13:40 |          |
| L22 | XPHXN | 0 | UPPERSOIL | BUCKET    | 111,76   | 121,84 | 98,5   | 9.8.2009  | 11:58:33 |          |
| L23 |       | 1 | 0         | UPPERSOIL | CHARCOAL | 111,32 | 122,32 | 98,59     | 5.8.2009 | 12:01:54 |
| L23 |       | 2 | 0         | UPPERSOIL | CHARCOAL | 111,38 | 122,44 | 98,57     | 5.8.2009 | 14:35:48 |
| L23 |       | 3 | 0         | UPPERSOIL | FLINT    | 111,36 | 122,23 | 98,61     | 5.8.2009 | 14:48:59 |
| L23 |       | 4 | 0         | UPPERSOIL | FLINT    | 111,01 | 122,27 | 98,57     | 5.8.2009 | 14:51:34 |
| L23 |       | 4 | 1         | UPPERSOIL | FLINT    | 111,02 | 122,3  | 98,57     | 5.8.2009 | 14:51:34 |
| L23 | AMLII | 0 | UPPERSOIL | BUCKET    | 111,75   | 122,78 | 98,45  | 10.8.2009 | 10:55:15 |          |
| L23 | AQGJW | 0 | DE        | TOPO      | 111,84   | 122,5  | 98,55  | 11.8.2009 | 15:45:33 |          |
| L23 | BJKXK | 0 | UPPERSOIL | TAMIS     | 111,76   | 122,78 | 98,76  | 6.8.2009  | 09:14:25 |          |
| L23 | BRZPI | 0 | UPPERSOIL | BUCKET    | 111,34   | 122,76 | 98,69  | 4.8.2009  | 15:40:04 |          |
| L23 | CCQAT | 0 | UPPERSOIL | TAMIS     | 111,25   | 122,77 | 98,61  | 6.8.2009  | 13:26:07 |          |
| L23 | DJUUN | 0 | UPPERSOIL | BUCKET    | 111,55   | 122,91 | 98,68  | 7.8.2009  | 11:21:09 |          |
| L23 | DMJHO | 0 | UPPERSOIL | BUCKET    | 111,21   | 122,09 | 98,58  | 5.8.2009  | 14:13:58 |          |
| L23 | ECGSM | 0 | UPPERSOIL | BUCKET    | 111,7    | 122,24 | 98,45  | 10.8.2009 | 10:21:57 |          |
| L23 | FBINA | 0 | UPPERSOIL | BUCKET    | 111,24   | 122,79 | 98,75  | 4.8.2009  | 13:17:55 |          |
| L23 | FDGPZ | 0 | UPPERSOIL | BUCKET    | 111,6    | 122,87 | 98,71  | 7.8.2009  | 10:05:17 |          |
| L23 | FEFCJ | 0 | UPPERSOIL | BUCKET    | 111,85   | 122,5  | 98,72  | 8.8.2009  | 10:35:00 |          |
| L23 | HLBXI | 0 | UPPERSOIL | BUCKET    | 111,9    | 122,38 | 98,61  | 8.8.2009  | 14:07:47 |          |
| L23 | HPROW | 0 | UPPERSOIL | BUCKET    | 111,98   | 122,21 | 98,68  | 13.8.2009 | 15:08:25 |          |
| L23 | HQNEO | 0 | UPPERSOIL | BUCKET    | 111,71   | 122,38 | 98,57  | 8.8.2009  | 15:10:40 |          |
| L23 | IFVTL | 0 | UPPERSOIL | BUCKET    | 111,7    | 122,75 | 98,73  | 6.8.2009  | 14:44:54 |          |
| L23 | IXYBV | 0 | UPPERSOIL | BUCKET    | 111,25   | 122,71 | 98,7   | 4.8.2009  | 13:59:39 |          |
| L23 | JARUM | 0 | UPPERSOIL | BUCKET    | 111,7    | 122,61 | 98,51  | 10.8.2009 | 09:30:31 |          |
| L23 | JFFCO | 0 | UPPERSOIL | BUCKET    | 111,68   | 122,24 | 98,41  | 10.8.2009 | 12:16:40 |          |
| L23 | JIAZD | 0 | UPPERSOIL | TAMIS     | 111,25   | 122,67 | 98,59  | 6.8.2009  | 16:12:43 |          |
| L23 | KKZQB | 0 | UPPERSOIL | BUCKET    | 111,61   | 122,99 | 98,6   | 7.8.2009  | 15:31:16 |          |
| L23 | KTWTN | 0 | UPPERSOIL | TAMIS     | 111,36   | 122,28 | 98,63  | 5.8.2009  | 11:23:48 |          |
| L23 | LCAVB | 0 | AB        | TOPO      | 111,95   | 122,71 | 98,88  | 10.8.2009 | 15:51:26 |          |
| L23 | LFKVK | 0 | UPPERSOIL | BUCKET    | 111,23   | 122,79 | 98,63  | 6.8.2009  | 09:50:17 |          |
| L23 | LLSZD | 0 | UPPERSOIL | BUCKET    | 111,02   | 122,05 | 98,66  | 5.8.2009  | 10:32:04 |          |

|     |       |   |             |           |        |        |        |           |          |          |
|-----|-------|---|-------------|-----------|--------|--------|--------|-----------|----------|----------|
| L23 | MZEAQ | 0 | UPPERSOIL   | BUCKET    | 111,7  | 122,24 | 98,48  | 10.8.2009 | 09:27:20 |          |
| L23 | OBDLM | 0 | UPPERSOIL   | BUCKET    | 111,27 | 122,44 | 98,56  | 5.8.2009  | 15:30:44 |          |
| L23 | OCXEN | 0 | UPPERSOIL   | BUCKET    | 111,75 | 122,36 | 98,65  | 8.8.2009  | 11:52:06 |          |
| L23 | OQSSD | 0 | UPPERSOIL   | BUCKET    | 111,23 | 122,76 | 98,56  | 7.8.2009  | 11:17:22 |          |
| L23 | PVSPS | 0 | STARTSHOVEL | TOPO      | 111,03 | 123    | 98,53  | 9.8.2009  | 09:35:27 |          |
| L23 | QTPKF | 0 | UPPERSOIL   | BUCKET    | 111,27 | 122,69 | 98,54  | 7.8.2009  | 15:59:07 |          |
| L23 | QZSUV | 0 | UPPERSOIL   | BUCKET    | 111,73 | 122,95 | 98,58  | 8.8.2009  | 10:02:16 |          |
| L23 | RRZBS | 0 | UPPERSOIL   | BUCKET    | 111,15 | 122,11 | 98,64  | 5.8.2009  | 10:33:18 |          |
| L23 | RYMLQ | 0 | UPPERSOIL   | BUCKET    | 111,72 | 122,67 | 98,47  | 10.8.2009 | 10:04:59 |          |
| L23 | SJUJE | 0 | UPPERSOIL   | BUCKET    | 111,29 | 122,32 | 98,54  | 5.8.2009  | 16:05:52 |          |
| L23 | TOVBQ | 0 | UPPERSOIL   | BUCKET    | 111,26 | 122,38 | 98,51  | 5.8.2009  | 17:02:39 |          |
| L23 | TVPZX | 0 | AB          | TOPO      | 111,96 | 122,21 | 98,81  | 10.8.2009 | 15:52:32 |          |
| L23 | TYEIU | 0 | UPPERSOIL   | BUCKET    | 111,7  | 122,25 | 98,37  | 10.8.2009 | 14:37:15 |          |
| L23 | TYMIN | 0 | UPPERSOIL   | BUCKET    | 111,68 | 122,24 | 98,52  | 9.8.2009  | 10:42:15 |          |
| L23 | UBZXJ | 0 | DE          | TOPO      | 111,87 | 122,02 | 98,54  | 11.8.2009 | 15:46:31 |          |
| L23 | UDPBS | 0 | UPPERSOIL   | BUCKET    | 111,72 | 122,25 | 98,55  | 8.8.2009  | 15:45:42 |          |
| L23 | UJJAB | 0 | UPPERSOIL   | BUCKET    | 111,71 | 122,87 | 98,45  | 10.8.2009 | 11:10:15 |          |
| L23 | UPSVN | 0 | UPPERSOIL   | TAMIS     | 111,64 | 122,82 | 98,55  | 8.8.2009  | 14:10:19 |          |
| L23 | UTANL | 0 | UPPERSOIL   | BUCKET    | 111,85 | 122,48 | 98,75  | 8.8.2009  | 10:01:35 |          |
| L23 | UYXUZ | 0 | DE          | TOPO      | 111,85 | 122,95 | 98,55  | 11.8.2009 | 15:42:02 |          |
| L23 | VNCIZ | 0 | UPPERSOIL   | BUCKET    | 111,7  | 122,33 | 98,44  | 10.8.2009 | 11:23:08 |          |
| L23 | WPEMY | 0 | UPPERSOIL   | BUCKET    | 111,07 | 122,03 | 98,68  | 4.8.2009  | 16:38:18 |          |
| L23 | WSGPC | 0 | UPPERSOIL   | BUCKET    | 111,36 | 122,27 | 98,72  | 4.8.2009  | 15:39:10 |          |
| L23 | XKSJU | 0 | UPPERSOIL   | BUCKET    | 111,28 | 122,69 | 98,66  | 5.8.2009  | 10:47:01 |          |
| L23 | XOCJK | 0 | UPPERSOIL   | BUCKET    | 111,83 | 122,28 | 98,63  | 8.8.2009  | 14:07:02 |          |
| L23 | YPETB | 0 | UPPERSOIL   | BUCKET    | 111,04 | 122,05 | 98,61  | 5.8.2009  | 14:12:46 |          |
| L23 | ZDPMO | 0 | UPPERSOIL   | BUCKET    | 111,62 | 122,33 | 98,67  | 8.8.2009  | 11:03:47 |          |
| L24 |       | 1 | 0           | UPPERSOIL | FLINT  | 111,56 | 123,36 | 98,75     | 4.8.2009 | 15:10:24 |
| L24 | AGXJF | 0 | UPPERSOIL   | BUCKET    | 111,72 | 123,25 | 98,74  | 4.8.2009  | 15:10:00 |          |
| L24 | ANNDP | 0 | UPPERSOIL   | BUCKET    | 111,24 | 123,6  | 98,61  | 7.8.2009  | 11:19:43 |          |
| L24 | BCHQV | 0 | UPPERSOIL   | BUCKET    | 111,25 | 123,63 | 98,59  | 7.8.2009  | 14:05:18 |          |
| L24 | BQDUE | 0 | DE          | TOPO      | 111,01 | 123,91 | 98,65  | 11.8.2009 | 12:30:54 |          |
| L24 | BWGGQ | 0 | UPPERSOIL   | BUCKET    | 111,24 | 123,74 | 98,78  | 4.8.2009  | 13:21:46 |          |
| L24 | CEGWL | 0 | UPPERSOIL   | BUCKET    | 111,66 | 123,33 | 98,64  | 5.8.2009  | 15:22:54 |          |
| L24 | DCIWJ | 0 | UPPERSOIL   | BUCKET    | 111,25 | 123,2  | 98,75  | 5.8.2009  | 10:50:44 |          |
| L24 | DVQFN | 0 | AC          | TOPO      | 112    | 123,61 | 99,05  | 10.8.2009 | 15:49:26 |          |
| L24 | EVVEL | 0 | UPPERSOIL   | BUCKET    | 111,27 | 123,19 | 98,63  | 6.8.2009  | 11:17:59 |          |
| L24 | GCCZK | 0 | UPPERSOIL   | BUCKET    | 111,31 | 123,42 | 98,66  | 5.8.2009  | 17:04:06 |          |
| L24 | HNCLJ | 0 | UPPERSOIL   | BUCKET    | 111,24 | 123,66 | 98,66  | 5.8.2009  | 14:22:55 |          |
| L24 | HYFLO | 0 | UPPERSOIL   | TAMIS     | 111,73 | 123,66 | 98,79  | 6.8.2009  | 09:18:19 |          |
| L24 | IEHUS | 0 | UPPERSOIL   | BUCKET    | 111,68 | 123,39 | 98,58  | 6.8.2009  | 14:45:54 |          |
| L24 | IUHV  | 0 | UPPERSOIL   | BUCKET    | 111,65 | 123    | 98,65  | 7.8.2009  | 14:06:08 |          |
| L24 | IYDSF | 0 | UPPERSOIL   | BUCKET    | 111,2  | 123,15 | 98,71  | 5.8.2009  | 14:19:03 |          |
| L24 | IYNHT | 0 | UPPERSOIL   | BUCKET    | 111,25 | 123,65 | 98,51  | 8.8.2009  | 11:34:33 |          |
| L24 | JFQHK | 0 | UPPERSOIL   | BUCKET    | 111,21 | 123,67 | 98,56  | 7.8.2009  | 15:28:54 |          |

|     |       |   |             |            |        |        |       |           |          |
|-----|-------|---|-------------|------------|--------|--------|-------|-----------|----------|
| L24 | KIAKE | 0 | UPPERSOIL   | BUCKET     | 111,26 | 123,28 | 98,53 | 8.8.2009  | 10:02:47 |
| L24 | KKGLH | 0 | UPPERSOIL   | BUCKET     | 111,25 | 123,66 | 98,72 | 5.8.2009  | 10:52:24 |
| L24 | KTIQV | 0 | AC          | TOPO       | 111,48 | 124    | 99,03 | 10.8.2009 | 15:41:34 |
| L24 | LFWNL | 0 | UPPERSOIL   | BUCKET     | 111,65 | 123,59 | 98,54 | 8.8.2009  | 14:11:15 |
| L24 | MGJZC | 0 | UPPERSOIL   | BUCKET     | 111,7  | 123,6  | 98,59 | 8.8.2009  | 11:05:24 |
| L24 | MLFHT | 0 | UPPERSOIL   | TAMIS      | 111,42 | 123,1  | 98,61 | 7.8.2009  | 10:08:15 |
| L24 | MLYCS | 0 | UPPERSOIL   | BUCKET     | 111,65 | 123,53 | 98,76 | 7.8.2009  | 10:07:25 |
| L24 | MUBER | 0 | UPPERSOIL   | BUCKET     | 111,75 | 123,38 | 98,61 | 6.8.2009  | 10:28:15 |
| L24 | MYNYL | 0 | UPPERSOIL   | BUCKET     | 111,29 | 123,21 | 98,56 | 7.8.2009  | 14:04:34 |
| L24 | NHRPG | 0 | DE          | TOPO       | 111,87 | 123,4  | 98,58 | 11.8.2009 | 12:37:07 |
| L24 | PDQBM | 0 | UPPERSOIL   | BUCKET     | 111,23 | 123,7  | 98,64 | 6.8.2009  | 14:25:18 |
| L24 | PLJCP | 0 | UPPERSOIL   | BUCKET     | 111,67 | 123,29 | 98,52 | 7.8.2009  | 11:49:15 |
| L24 | PRMHO | 0 | UPPERSOIL   | BUCKET     | 111,71 | 123,63 | 98,71 | 7.8.2009  | 14:06:49 |
| L24 | PYCHG | 0 | UPPERSOIL   | BUCKET     | 111,69 | 123,62 | 98,61 | 8.8.2009  | 10:34:23 |
| L24 | QMRQA | 0 | DE          | TOPO       | 111,85 | 123,94 | 98,66 | 11.8.2009 | 12:36:04 |
| L24 | RIPNH | 0 | AC          | TOPO       | 111,89 | 123,98 | 99,05 | 10.8.2009 | 15:42:25 |
| L24 | TKJZA | 0 | STARTSHOVEL | TOPO       | 111,9  | 123,95 | 98,53 | 9.8.2009  | 09:38:05 |
| L24 | TQJLV | 0 | UPPERSOIL   | BUCKET     | 111,69 | 123,36 | 98,68 | 5.8.2009  | 14:20:22 |
| L24 | TTLKT | 0 | UPPERSOIL   | BUCKET     | 111,37 | 123,72 | 98,75 | 4.8.2009  | 15:41:03 |
| L24 | TUNZZ | 0 | UPPERSOIL   | BUCKET     | 111,68 | 123,24 | 98,55 | 6.8.2009  | 16:14:29 |
| L24 | UEDQU | 0 | TOPO        | MICROMORPH | 111,89 | 123,58 | 98,82 | 11.8.2009 | 16:32:26 |
| L24 | UHIVF | 0 | UPPERSOIL   | BUCKET     | 111,72 | 123,31 | 98,7  | 5.8.2009  | 10:51:35 |
| L24 | UQUOK | 0 | UPPERSOIL   | BUCKET     | 111,7  | 123,74 | 98,65 | 8.8.2009  | 10:03:54 |
| L24 | VMWML | 0 | UPPERSOIL   | BUCKET     | 111,69 | 123,24 | 98,77 | 4.8.2009  | 13:19:54 |
| L24 | VQAXS | 0 | UPPERSOIL   | BUCKET     | 111,82 | 123,57 | 98,67 | 7.8.2009  | 15:32:04 |
| L24 | VSJXD | 0 | UPPERSOIL   | BUCKET     | 111,26 | 123,16 | 98,58 | 7.8.2009  | 11:18:36 |
| L24 | WCYFP | 0 | UPPERSOIL   | BUCKET     | 111,64 | 123,55 | 98,74 | 7.8.2009  | 11:22:09 |
| L24 | WPBCL | 0 | AC          | TOPO       | 111,96 | 123,22 | 98,97 | 10.8.2009 | 15:50:26 |
| L24 | WXLOV | 0 | UPPERSOIL   | BUCKET     | 111,25 | 123,71 | 98,53 | 8.8.2009  | 10:03:17 |
| L24 | XMJDT | 0 | STARTSHOVEL | TOPO       | 111,9  | 123    | 98,54 | 9.8.2009  | 09:34:34 |
| L24 | YLJRX | 0 | UPPERSOIL   | BUCKET     | 111,75 | 123,65 | 98,56 | 8.8.2009  | 11:32:48 |
| L24 | YYPND | 0 | UPPERSOIL   | BUCKET     | 111,19 | 123,26 | 98,74 | 5.8.2009  | 11:24:26 |
| L24 | ZJHLQ | 0 | UPPERSOIL   | BUCKET     | 111,27 | 123,3  | 98,69 | 5.8.2009  | 15:21:56 |
| L24 | ZNNTB | 0 | DE          | TOPO       | 111,5  | 123,9  | 98,59 | 11.8.2009 | 12:32:06 |
| L24 | ZVMTA | 0 | UPPERSOIL   | BUCKET     | 111,22 | 123,68 | 98,69 | 5.8.2009  | 11:34:41 |
| L25 | TGTJU | 0 | SURFACE     | TOPO       | 111,49 | 124,03 | 99,33 | 4.8.2009  | 13:50:04 |
| M19 | JUDVO | 0 | SURFACE     | TOPO       | 112,51 | 118,97 | 98,96 | 13.8.2009 | 14:55:22 |
| M20 | 1     | 0 | UPPERSOIL   | FLINT      | 112,33 | 119,21 | 98,47 | 13.8.2009 | 16:24:30 |
| M20 | 1     | 1 | UPPERSOIL   | FLINT      | 112,31 | 119,28 | 98,46 | 13.8.2009 | 16:24:30 |
| M20 | 1     | 2 | UPPERSOIL   | FLINT      | 112,39 | 119,33 | 98,48 | 13.8.2009 | 16:24:30 |
| M20 | 1     | 3 | UPPERSOIL   | FLINT      | 112,41 | 119,25 | 98,49 | 13.8.2009 | 16:24:30 |
| M20 | 2     | 0 | UPPERSOIL   | FLINT      | 112,08 | 119,61 | 98,41 | 14.8.2009 | 11:12:29 |
| M20 | 2     | 1 | UPPERSOIL   | FLINT      | 112,08 | 119,55 | 98,4  | 14.8.2009 | 11:12:29 |
| M20 | 3     | 0 | UPPERSOIL   | FLINT      | 112,16 | 119,84 | 98,35 | 14.8.2009 | 11:51:09 |
| M20 | 3     | 1 | UPPERSOIL   | FLINT      | 112,19 | 119,81 | 98,35 | 14.8.2009 | 11:51:09 |

|     |       |   |   |           |        |        |        |       |           |          |
|-----|-------|---|---|-----------|--------|--------|--------|-------|-----------|----------|
| M20 | AGOPP |   | 0 | UPPERSOIL | BUCKET | 112,15 | 119,76 | 98,53 | 14.8.2009 | 10:02:46 |
| M20 | BURXQ |   | 0 | UPPERSOIL | BUCKET | 112,13 | 119,78 | 98,49 | 14.8.2009 | 10:31:29 |
| M20 | CDUZO |   | 0 | UPPERSOIL | BUCKET | 112,12 | 119,78 | 98,34 | 14.8.2009 | 12:05:12 |
| M20 | CGETS |   | 0 | UPPERSOIL | BUCKET | 112,05 | 119,38 | 98,49 | 13.8.2009 | 15:10:12 |
| M20 | DVKLA |   | 0 | UPPERSOIL | BUCKET | 112,15 | 119,56 | 98,6  | 13.8.2009 | 10:29:00 |
| M20 | EEJJC |   | 0 | UPPERSOIL | BUCKET | 112,11 | 119,9  | 98,41 | 14.8.2009 | 11:27:17 |
| M20 | ERVNH |   | 0 | UPPERSOIL | TAMIS  | 112,04 | 119,83 | 98,45 | 14.8.2009 | 10:44:23 |
| M20 | ETOJH |   | 0 | UPPERSOIL | BUCKET | 112,41 | 119,82 | 98,55 | 14.8.2009 | 09:52:32 |
| M20 | GIPCW |   | 0 | UPPERSOIL | BUCKET | 112,03 | 119,38 | 98,44 | 13.8.2009 | 16:09:12 |
| M20 | GWDTT |   | 0 | UPPERSOIL | BUCKET | 112,12 | 119,81 | 98,51 | 14.8.2009 | 10:17:47 |
| M20 | IVOC  |   | 0 | UPPERSOIL | BUCKET | 112,13 | 119,31 | 98,42 | 13.8.2009 | 16:42:15 |
| M20 | JGGVJ |   | 0 | UPPERSOIL | TAMIS  | 112,13 | 119,55 | 98,3  | 14.8.2009 | 14:06:18 |
| M20 | KNTVX |   | 0 | UPPERSOIL | BUCKET | 112,26 | 119,54 | 98,55 | 13.8.2009 | 11:05:45 |
| M20 | LAWNK |   | 0 | UPPERSOIL | BUCKET | 112,27 | 119,28 | 98,36 | 14.8.2009 | 09:51:31 |
| M20 | NYJAO |   | 0 | UPPERSOIL | BUCKET | 112,08 | 119,94 | 98,43 | 14.8.2009 | 11:01:02 |
| M20 | OIOKT |   | 0 | UPPERSOIL | BUCKET | 112,13 | 119,36 | 98,77 | 13.8.2009 | 17:34:23 |
| M20 | OYGCO |   | 0 | UPPERSOIL | BUCKET | 112,27 | 119,43 | 98,34 | 14.8.2009 | 13:42:04 |
| M20 | PNCYW |   | 0 | UPPERSOIL | BUCKET | 112,08 | 119,38 | 98,39 | 13.8.2009 | 18:10:40 |
| M20 | QALST |   | 0 | SURFACE   | TOPO   | 112,04 | 119,42 | 98,97 | 4.8.2009  | 13:44:28 |
| M20 | SSKYI |   | 0 | SURFACE   | TOPO   | 112,05 | 119,87 | 99,01 | 4.8.2009  | 13:45:03 |
| M21 |       | 1 | 0 | UPPERSOIL | BONE   | 112,12 | 120,42 | 98,43 | 13.8.2009 | 17:58:20 |
| M21 |       | 1 | 1 | UPPERSOIL | BONE   | 112,08 | 120,42 | 98,43 | 13.8.2009 | 17:58:20 |
| M21 |       | 1 | 2 | UPPERSOIL | BONE   | 112,07 | 120,34 | 98,42 | 13.8.2009 | 17:58:20 |
| M21 |       | 1 | 3 | UPPERSOIL | BONE   | 112,11 | 120,33 | 98,42 | 13.8.2009 | 17:58:20 |
| M21 | APJKP |   | 0 | UPPERSOIL | BUCKET | 112,07 | 120,38 | 98,36 | 14.8.2009 | 09:53:46 |
| M21 | BCJLW |   | 0 | UPPERSOIL | BUCKET | 112,22 | 120,42 | 98,62 | 13.8.2009 | 11:03:22 |
| M21 | CYIDO |   | 0 | SURFACE   | TOPO   | 112,08 | 120,38 | 99,04 | 4.8.2009  | 13:45:30 |
| M21 | ELPRR |   | 0 | UPPERSOIL | BUCKET | 112,13 | 120,78 | 98,46 | 14.8.2009 | 11:30:34 |
| M21 | GWFIJ |   | 0 | UPPERSOIL | BUCKET | 112,21 | 120,64 | 98,49 | 14.8.2009 | 11:05:20 |
| M21 | HQBNE |   | 0 | UPPERSOIL | BUCKET | 112,29 | 120,69 | 98,43 | 14.8.2009 | 11:53:22 |
| M21 | IQEGE |   | 0 | UPPERSOIL | BUCKET | 112,09 | 120,59 | 98,52 | 14.8.2009 | 10:33:42 |
| M21 | JJSRC |   | 0 | UPPERSOIL | BUCKET | 112,22 | 120,35 | 98,59 | 13.8.2009 | 11:25:02 |
| M21 | JROWQ |   | 0 | UPPERSOIL | BUCKET | 112,29 | 120,62 | 98,4  | 14.8.2009 | 13:56:37 |
| M21 | LNMQX |   | 0 | UPPERSOIL | BUCKET | 112,19 | 120,66 | 98,42 | 14.8.2009 | 12:09:03 |
| M21 | MDRPO |   | 0 | SURFACE   | TOPO   | 112,04 | 120,82 | 99,1  | 4.8.2009  | 13:45:59 |
| M21 | PSKTH |   | 0 | UPPERSOIL | BUCKET | 112,08 | 120,25 | 98,45 | 13.8.2009 | 16:28:17 |
| M21 | SHBVG |   | 0 | UPPERSOIL | TAMIS  | 112,17 | 120,42 | 98,39 | 14.8.2009 | 09:55:26 |
| M21 | SHQKF |   | 0 | UPPERSOIL | TAMIS  | 112,06 | 120,48 | 98,57 | 13.8.2009 | 11:59:07 |
| M21 | SSZJQ |   | 0 | UPPERSOIL | BUCKET | 112,15 | 120,73 | 98,36 | 14.8.2009 | 14:07:38 |
| M21 | TGPOR |   | 0 | UPPERSOIL | BUCKET | 112,05 | 120,2  | 98,5  | 13.8.2009 | 15:13:24 |
| M21 | UYWBZ |   | 0 | UPPERSOIL | BUCKET | 112,47 | 120,74 | 98,57 | 14.8.2009 | 09:57:18 |
| M21 | VNSQS |   | 0 | UPPERSOIL | BUCKET | 112,04 | 120,36 | 98,45 | 13.8.2009 | 17:22:26 |
| M21 | WJCYV |   | 0 | UPPERSOIL | BUCKET | 112,23 | 120,73 | 98,53 | 14.8.2009 | 09:56:18 |
| M21 | XSETU |   | 0 | UPPERSOIL | BUCKET | 112,23 | 120,4  | 98,63 | 13.8.2009 | 10:39:08 |
| M21 | YAVXD |   | 0 | UPPERSOIL | BUCKET | 112,08 | 120,31 | 98,5  | 13.8.2009 | 15:46:33 |

|     |       |   |   |           |          |        |        |       |           |          |
|-----|-------|---|---|-----------|----------|--------|--------|-------|-----------|----------|
| M21 | YEAHR |   | 0 | UPPERSOIL | BUCKET   | 112,27 | 120,18 | 98,39 | 13.8.2009 | 18:12:46 |
| M22 |       | 1 | 0 | UPPERSOIL | FLINT    | 112,18 | 121,47 | 98,63 | 13.8.2009 | 10:47:58 |
| M22 |       | 2 | 0 | UPPERSOIL | CHARCOAL | 112,18 | 121,47 | 98,6  | 13.8.2009 | 11:19:18 |
| M22 |       | 3 | 0 | UPPERSOIL | FLINT    | 112,34 | 121,13 | 98,56 | 13.8.2009 | 12:04:27 |
| M22 |       | 4 | 0 | UPPERSOIL | FLINT    | 112,27 | 121,41 | 98,53 | 13.8.2009 | 14:59:26 |
| M22 |       | 5 | 0 | UPPERSOIL | FLINT    | 112,35 | 121,25 | 98,52 | 13.8.2009 | 15:12:26 |
| M22 |       | 6 | 0 | UPPERSOIL | FLINT    | 112,22 | 121,63 | 98,62 | 14.8.2009 | 11:07:45 |
| M22 |       | 7 | 0 | UPPERSOIL | FLINT    | 112,42 | 121,84 | 98,52 | 14.8.2009 | 13:39:02 |
| M22 | ABHAD |   | 0 | UPPERSOIL | BUCKET   | 112,32 | 121,4  | 98,41 | 13.8.2009 | 17:03:21 |
| M22 | AFCDB |   | 0 | UPPERSOIL | BUCKET   | 112,34 | 121,26 | 98,58 | 13.8.2009 | 14:38:35 |
| M22 | BAKIC |   | 0 | UPPERSOIL | BUCKET   | 112,28 | 121,83 | 98,56 | 14.8.2009 | 11:35:34 |
| M22 | BQBQR |   | 0 | SURFACE   | TOPO     | 112,06 | 121,3  | 99,17 | 4.8.2009  | 13:46:24 |
| M22 | CBOHX |   | 0 | UPPERSOIL | BUCKET   | 112,14 | 121,6  | 98,64 | 14.8.2009 | 10:35:28 |
| M22 | DPLOX |   | 0 | UPPERSOIL | BUCKET   | 112,28 | 121,53 | 98,55 | 14.8.2009 | 11:54:32 |
| M22 | EBWPO |   | 0 | UPPERSOIL | BUCKET   | 112,18 | 121,17 | 98,64 | 13.8.2009 | 10:45:23 |
| M22 | EHGOL |   | 0 | UPPERSOIL | BUCKET   | 112,04 | 121,19 | 98,55 | 13.8.2009 | 15:01:39 |
| M22 | EVTLN |   | 0 | UPPERSOIL | BUCKET   | 112,21 | 121,57 | 98,48 | 14.8.2009 | 12:03:40 |
| M22 | IUMSV |   | 0 | UPPERSOIL | BUCKET   | 112,2  | 121,79 | 98,61 | 14.8.2009 | 11:02:44 |
| M22 | IZEXX |   | 0 | UPPERSOIL | BUCKET   | 112,13 | 121,27 | 98,62 | 13.8.2009 | 11:08:56 |
| M22 | JKJPY |   | 0 | UPPERSOIL | BUCKET   | 112,13 | 121,37 | 98,6  | 13.8.2009 | 11:50:45 |
| M22 | MSWDT |   | 0 | UPPERSOIL | BUCKET   | 112,09 | 121,61 | 98,67 | 14.8.2009 | 09:59:32 |
| M22 | NHVMS |   | 0 | UPPERSOIL | BUCKET   | 112,24 | 121,91 | 98,5  | 14.8.2009 | 12:10:27 |
| M22 | OCUCI |   | 0 | UPPERSOIL | TAMIS    | 112,09 | 121,19 | 98,67 | 13.8.2009 | 10:26:40 |
| M22 | ONLCP |   | 0 | UPPERSOIL | BUCKET   | 112,23 | 121,41 | 98,41 | 13.8.2009 | 17:02:34 |
| M22 | PFYHD |   | 0 | UPPERSOIL | TAMIS    | 112,44 | 121,56 | 98,73 | 14.8.2009 | 09:58:30 |
| M22 | STLRH |   | 0 | UPPERSOIL | BUCKET   | 112,2  | 121,98 | 98,56 | 14.8.2009 | 11:23:58 |
| M22 | SZJGJ |   | 0 | UPPERSOIL | BUCKET   | 112,13 | 121,16 | 98,51 | 13.8.2009 | 15:28:56 |
| M22 | XMGID |   | 0 | UPPERSOIL | BUCKET   | 112,23 | 121,17 | 98,47 | 13.8.2009 | 15:56:09 |
| M22 | XZEOW |   | 0 | SURFACE   | TOPO     | 112,04 | 121,85 | 99,15 | 4.8.2009  | 13:47:29 |
| M23 |       | 1 | 0 | UPPERSOIL | FLINT    | 112,39 | 122,44 | 98,69 | 13.8.2009 | 15:04:09 |
| M23 |       | 1 | 1 | UPPERSOIL | FLINT    | 112,39 | 122,44 | 98,69 | 13.8.2009 | 15:04:09 |
| M23 |       | 2 | 0 | UPPERSOIL | FLINT    | 112,15 | 122,41 | 98,55 | 13.8.2009 | 15:43:28 |
| M23 |       | 2 | 1 | UPPERSOIL | FLINT    | 112,17 | 122,45 | 98,55 | 13.8.2009 | 15:43:28 |
| M23 |       | 3 | 0 | UPPERSOIL | FLINT    | 112,32 | 122,27 | 98,58 | 13.8.2009 | 15:49:33 |
| M23 | AGZTE |   | 0 | SURFACE   | TOPO     | 112,04 | 122,36 | 99,21 | 4.8.2009  | 13:48:00 |
| M23 | DUKKH |   | 0 | UPPERSOIL | BUCKET   | 112,27 | 122,46 | 98,69 | 13.8.2009 | 14:49:44 |
| M23 | DXUKQ |   | 0 | UPPERSOIL | BUCKET   | 112,42 | 122,57 | 98,66 | 14.8.2009 | 09:49:26 |
| M23 | EKTIY |   | 0 | UPPERSOIL | BUCKET   | 112,21 | 122,71 | 98,51 | 14.8.2009 | 10:59:18 |
| M23 | ETBMY |   | 0 | UPPERSOIL | BUCKET   | 112,25 | 122,72 | 98,55 | 14.8.2009 | 10:49:00 |
| M23 | GDVDW |   | 0 | UPPERSOIL | BUCKET   | 112,24 | 122,77 | 98,61 | 14.8.2009 | 10:10:43 |
| M23 | IRXWE |   | 0 | UPPERSOIL | BUCKET   | 112,19 | 122,08 | 98,58 | 13.8.2009 | 15:55:23 |
| M23 | IYTIW |   | 0 | UPPERSOIL | BUCKET   | 112,15 | 122,48 | 98,73 | 13.8.2009 | 11:49:57 |
| M23 | JYOLY |   | 0 | UPPERSOIL | BUCKET   | 112,23 | 122,76 | 98,71 | 13.8.2009 | 17:20:54 |
| M23 | JYXRG |   | 0 | UPPERSOIL | BUCKET   | 112,25 | 122,71 | 98,64 | 14.8.2009 | 10:01:03 |
| M23 | KPQHF |   | 0 | SURFACE   | TOPO     | 112,55 | 122,98 | 99,26 | 13.8.2009 | 14:57:31 |

|     |       |             |         |        |        |       |           |          |
|-----|-------|-------------|---------|--------|--------|-------|-----------|----------|
| M23 | KQYGL | 0 UPPERSOIL | BUCKET  | 112,04 | 122,09 | 98,54 | 13.8.2009 | 16:14:02 |
| M23 | LGNJW | 0 UPPERSOIL | BUCKET  | 112,37 | 122,23 | 98,48 | 13.8.2009 | 16:51:08 |
| M23 | LXBJZ | 0 UPPERSOIL | BUCKET  | 112,21 | 122,45 | 98,81 | 13.8.2009 | 10:28:12 |
| M23 | NKXPY | 0 UPPERSOIL | BUCKET  | 112,03 | 122,39 | 98,73 | 13.8.2009 | 14:36:21 |
| M23 | NLRZA | 0 UPPERSOIL | BUCKET  | 112,15 | 122,59 | 98,68 | 13.8.2009 | 18:11:39 |
| M23 | OGFDF | 0 UPPERSOIL | BUCKET  | 112,15 | 122,42 | 98,78 | 13.8.2009 | 11:01:19 |
| M23 | PHEYX | 0 UPPERSOIL | BUCKET  | 112,11 | 122,42 | 98,58 | 13.8.2009 | 15:38:05 |
| M23 | RTPPU | 0 UPPERSOIL | BUCKET  | 112,24 | 122,72 | 98,56 | 14.8.2009 | 10:39:17 |
| M23 | SYIUP | 0 UPPERSOIL | BUCKET  | 112,02 | 122,27 | 98,49 | 13.8.2009 | 16:29:22 |
| M23 | UFUPQ | 0 UPPERSOIL | BUCKET  | 112,2  | 122,47 | 98,75 | 13.8.2009 | 11:24:01 |
| M23 | VTGXU | 0 UPPERSOIL | BUCKET  | 112,2  | 122,42 | 98,63 | 13.8.2009 | 15:21:15 |
| M23 | WBQBJ | 0 SURFACE   | TOPO    | 112,04 | 122,93 | 99,24 | 4.8.2009  | 13:48:30 |
| M23 | YQZSQ | 0 UPPERSOIL | END2009 | 112,01 | 122,07 | 98,46 | 14.8.2009 | 14:12:14 |
| M24 | BKYZJ | 0 UPPERSOIL | BUCKET  | 112,29 | 123,52 | 98,91 | 13.8.2009 | 10:43:47 |
| M24 | KIAGM | 0 SURFACE   | TOPO    | 112,04 | 123,41 | 99,27 | 4.8.2009  | 13:49:01 |
| M24 | MONUO | 0 UPPERSOIL | BUCKET  | 112,27 | 123,58 | 98,87 | 13.8.2009 | 11:52:16 |
| M24 | PCOMY | 0 SURFACE   | TOPO    | 112,03 | 123,95 | 99,3  | 4.8.2009  | 13:49:33 |
| M24 | ZSMZA | 0 UPPERSOIL | BUCKET  | 112,29 | 123,51 | 98,91 | 13.8.2009 | 11:16:54 |